

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                       |                                                                                     |                                                     |                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Prüfbericht-Nr.:</b><br>Test report no.:                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>CN2530A0 001</b>                                                                                                                                                                                                                                                                                   | <b>Auftrags-Nr.:</b><br>Order no.:                                                  | 170412700 10                                        | Seite 1 von 8<br>Page 1 of 8                                                          |
| <b>Kunden-Referenz-Nr.:</b><br>Client reference no.:                                                                                                                                                                                                                                                                                                                                                                                                                 | N/A                                                                                                                                                                                                                                                                                                   | <b>Auftragsdatum:</b><br>Order date:                                                | 2025.03.03                                          |                                                                                       |
| <b>Auftraggeber:</b><br>Client:                                                                                                                                                                                                                                                                                                                                                                                                                                      | ATA SCHOOL SUPPLIES CO., LTD.<br>Building 4, Lane 2777, Baoan Road, Malu Town, Jiading District, 201801 Shanghai, China                                                                                                                                                                               |                                                                                     |                                                     |                                                                                       |
| <b>Prüfgegenstand:</b><br>Test item:                                                                                                                                                                                                                                                                                                                                                                                                                                 | Wooden Chair 18cm with armrests & stopper                                                                                                                                                                                                                                                             |                                                                                     |                                                     |                                                                                       |
| <b>Bezeichnung / Typ-Nr.:</b><br>Identification / Type no.:                                                                                                                                                                                                                                                                                                                                                                                                          | KB5-AZ1A18-30                                                                                                                                                                                                                                                                                         |                                                                                     |                                                     |                                                                                       |
| <b>Auftrags-Inhalt:</b><br>Order content:                                                                                                                                                                                                                                                                                                                                                                                                                            | Mechanical safety test according to client's requirement                                                                                                                                                                                                                                              |                                                                                     |                                                     |                                                                                       |
| <b>Prüfgrundlage:</b><br>Test specification:                                                                                                                                                                                                                                                                                                                                                                                                                         | EN 17191: 2021<br>Excluding clause 7, 8 & 11                                                                                                                                                                                                                                                          |                                                                                     |                                                     |                                                                                       |
| <b>Wareneingangsdatum:</b><br>Date of sample receipt:                                                                                                                                                                                                                                                                                                                                                                                                                | 2025.03.03                                                                                                                                                                                                                                                                                            |  |                                                     |                                                                                       |
| <b>Prüfmuster-Nr.:</b><br>Test sample no.:                                                                                                                                                                                                                                                                                                                                                                                                                           | A003936779-001                                                                                                                                                                                                                                                                                        |                                                                                     |                                                     |                                                                                       |
| <b>Prüfzeitraum:</b><br>Testing period:                                                                                                                                                                                                                                                                                                                                                                                                                              | 2025.03.03 - 2025.04.21                                                                                                                                                                                                                                                                               |                                                                                     |                                                     |                                                                                       |
| <b>Ort der Prüfung:</b><br>Place of testing:                                                                                                                                                                                                                                                                                                                                                                                                                         | Unit A01-02, No. 11 Nanyun<br>5 Rd, GuangZhou, China                                                                                                                                                                                                                                                  |                                                                                     |                                                     |                                                                                       |
| <b>Prüflaboratorium:</b><br>Testing laboratory:                                                                                                                                                                                                                                                                                                                                                                                                                      | TÜV Rheinland<br>(Guangdong) Ltd.                                                                                                                                                                                                                                                                     |                                                                                     |                                                     |                                                                                       |
| <b>Prüfergebnis*:</b><br>Test result*:                                                                                                                                                                                                                                                                                                                                                                                                                               | Pass                                                                                                                                                                                                                                                                                                  |                                                                                     |                                                     |                                                                                       |
| <b>geprüft von:</b><br>tested by:                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                    |                                                                                     | <b>genehmigt von:</b><br>authorized by:             |  |
| <b>Datum:</b><br>Date: 2025.05.16                                                                                                                                                                                                                                                                                                                                                                                                                                    | Signed by: Tom He                                                                                                                                                                                                                                                                                     |                                                                                     | <b>Ausstellungsdatum:</b><br>Issue date: 2025.05.16 | Signed by: Kingsley He                                                                |
| <b>Stellung / Position:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tester                                                                                                                                                                                                                                                                                                |                                                                                     | <b>Stellung / Position:</b>                         | Authorizer                                                                            |
| <b>Sonstiges / Other:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            | Buyer: TUMACO LIMITED; Buyer address: 13/FGLOUCESTER TOWER THE LANDMARK 15<br>QUEEN'S RD CENTRAL, CENTRAL, HONG KONG<br>Manufacture: ATA School Supplies Co., LTD.<br>Manufacture address: Building 4, Lane 2777, Baoan Road, Malu Town, Jiading District, 201801<br>Shanghai, China<br>Brand: Wisdom |                                                                                     |                                                     |                                                                                       |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br>Condition of the test item at delivery:                                                                                                                                                                                                                                                                                                                                                                      | Prüfmuster vollständig und unbeschädigt<br>Test item complete and undamaged                                                                                                                                                                                                                           |                                                                                     |                                                     |                                                                                       |
| * Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet<br>* Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                       |                                                                                     |                                                     |                                                                                       |
| <b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b><br><i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i> |                                                                                                                                                                                                                                                                                                       |                                                                                     |                                                     |                                                                                       |

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**Anmerkungen**  
*Remarks*

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</p> <p>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2 | <p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: <a href="http://go.tuv.com/digital-signature">go.tuv.com/digital-signature</a></p> <p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: <a href="http://go.tuv.com/digital-signature">go.tuv.com/digital-signature</a></i></p> |
| 3 | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.</p> <p>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i></p> <p><i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4 | <p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i></p>                                                                                                                                                                                                                                                                                       |

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**Produktbeschreibung**  
Product description

|   |                                                           |                                                                                                                                                      |
|---|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>Produktdetails</b><br>Product details                  | Wooden Chair 18cm with armrests & stopper                                                                                                            |
| 2 | <b>Maße / Gewicht</b><br>Dimensions / Weight              | H x W x D: 417 x 305 x 240 mm<br>Weight: 2.6 kg                                                                                                      |
| 3 | <b>Bedienelemente</b><br>Operating elements               | N/A.                                                                                                                                                 |
| 4 | <b>Ausstattung / Zubehör</b><br>Equipment / Accessories   | N/A.                                                                                                                                                 |
| 5 | <b>Verwendete Materialien</b><br>Used materials           | Wood.                                                                                                                                                |
| 6 | <b>Sonstiges</b><br>Other                                 | Test sample(s), as well sample information, description, product details and intended usage was provided by customer.                                |
| 7 | <b>Prüfmusterbereitstellung:</b><br>Test sample obtaining | <input checked="" type="checkbox"/> Sending by customer <input type="checkbox"/> Sampling by TÜV Rheinland Group<br><input type="checkbox"/> others: |

Pic1: Front view



Pic2: Side view



Pic3: Back view



Pic4: Bottom view



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| <b>Absatz<br/>Clause</b> | <b>Anforderungen - Prüfungen /<br/>Requirements - Tests</b> | <b>Messergebnisse –<br/>Bemerkungen/<br/>Measuring results - Remarks</b> | <b>Ergebnis<br/>Result</b> |
|--------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------|
|--------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------|

|                                                                                                         |                                                                      |  |     |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--|-----|
| <b>EN 17191:2021</b> Children's Furniture - Seating for children - Safety requirements and test methods |                                                                      |  |     |
| <b>1</b>                                                                                                | <b>Scope</b>                                                         |  |     |
| <b>2</b>                                                                                                | <b>Normative references</b>                                          |  |     |
| <b>3</b>                                                                                                | <b>Terms and definitions</b>                                         |  |     |
| <b>4</b>                                                                                                | <b>General requirement and test condition</b>                        |  |     |
| <b>5</b>                                                                                                | <b>Test equipment</b>                                                |  |     |
| <b>6</b>                                                                                                | <b>General safety requirements</b>                                   |  |     |
| 6.1                                                                                                     | Hazards from glass                                                   |  | P   |
| 6.2                                                                                                     | Surfaces, edges, corners and points                                  |  | P   |
| 6.3                                                                                                     | Entrapment hazards                                                   |  | /   |
| 6.3.1                                                                                                   | Finger entrapment hazards                                            |  | P   |
| 6.3.2                                                                                                   | Partially bound, V and irregular shaped openings                     |  | P   |
| 6.4                                                                                                     | Hazards caused by folding of the seating                             |  | /   |
| 6.4.1                                                                                                   | Requirements                                                         |  | /   |
| 6.4.1.1                                                                                                 | General                                                              |  | N/A |
| 6.4.1.2                                                                                                 | Incomplete deployment during the setting up                          |  | N/A |
| 6.4.1.3                                                                                                 | Unintentional folding of the seating                                 |  | N/A |
| 6.4.2                                                                                                   | Automatic locking devices                                            |  | N/A |
| 6.5                                                                                                     | Hazards caused by deckchairs                                         |  | /   |
| 6.5.1                                                                                                   | General                                                              |  | N/A |
| 6.5.2                                                                                                   | Requirements                                                         |  | N/A |
| 6.5.3                                                                                                   | Test methods                                                         |  | /   |
| 6.5.3.1                                                                                                 | Disengagement test under vertical and horizontal forces              |  | /   |
| 6.5.3.1.1                                                                                               | General                                                              |  | /   |
| 6.5.3.1.2                                                                                               | Under an upwards vertical static force                               |  | N/A |
| 6.5.3.1.3                                                                                               | Under a horizontal static force                                      |  | N/A |
| 6.5.3.2                                                                                                 | Engagement/disengagement operation                                   |  | N/A |
| 6.6                                                                                                     | Hazard from moving parts                                             |  | /   |
| 6.6.1                                                                                                   | Shearing and compression points when setting up and folding          |  | N/A |
| 6.6.2                                                                                                   | Shearing and compression points under influence of powered mechanism |  | N/A |
| 6.6.3                                                                                                   | Shearing and compression points during use                           |  | P   |
| 6.7                                                                                                     | Hazards from enclosure                                               |  | N/A |
| 6.8                                                                                                     | Entanglement hazards<br>(Only for size 1 seating)                    |  | P   |
| 6.9                                                                                                     | Choking and ingestion hazards<br>(Only for size 1 and soft seating)  |  | /   |
| 6.9.1                                                                                                   | Requirements                                                         |  | N/A |
| 6.9.2                                                                                                   | Test methods                                                         |  | /   |
| 6.9.2.1                                                                                                 | General                                                              |  | /   |
| 6.9.2.2                                                                                                 | Assessment of child's ability to grip components                     |  | /   |
| 6.9.2.3                                                                                                 | Torque test                                                          |  | N/A |

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| <b>Absatz<br/>Clause</b> | <b>Anforderungen - Prüfungen /<br/>Requirements - Tests</b> | <b>Messergebnisse –<br/>Bemerkungen /<br/>Measuring results - Remarks</b> | <b>Ergebnis<br/>Result</b> |
|--------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------|
| 6.9.2.4                  | Tensile test                                                |                                                                           | N/A                        |
| 6.9.2.5                  | Adhesion test of labels and decals                          |                                                                           | N/A                        |
| 6.9.3                    | Filling material<br>(Only for size 1 and soft seating)      |                                                                           | /                          |
| 6.9.3.1                  | Requirements                                                |                                                                           | N/A                        |
| 6.9.3.2                  | Removable seating covers                                    |                                                                           | N/A                        |
| 6.9.3.3                  | Test methods                                                |                                                                           | /                          |
| 6.9.3.3.1                | General                                                     |                                                                           | /                          |
| 6.9.3.3.2                | Seams strength test                                         |                                                                           | /                          |
| 6.9.3.3.2.1              | Slippage of threads of seating covers                       |                                                                           | N/A                        |
| 6.9.3.3.2.2              | Tensile strength test for covers made of other materials    |                                                                           | N/A                        |
| 6.9.3.3.2.3              | Strength of "zip" fasteners                                 |                                                                           | N/A                        |
| 6.9.3.3.3                | Test of seams                                               |                                                                           | N/A                        |
| 6.9.4                    | Magnets<br>(Only for size 1 and soft seating)               |                                                                           | N/A                        |
| 6.10                     | Suffocation hazards                                         |                                                                           | N/A                        |
| <b>7</b>                 | <b>Chemical requirements</b>                                | Not requested                                                             | N/T                        |
| <b>8</b>                 | <b>Fire and thermal hazards</b>                             | Not requested                                                             | N/T                        |
| <b>9</b>                 | <b>Strength and durability requirements</b>                 |                                                                           |                            |
| 9.1                      | Test conditions                                             |                                                                           | /                          |
| 9.2                      | Seating size and test levels                                | Size 1: Level 1                                                           | /                          |
| 9.3                      | Requirements                                                | Detail refer to below result(s)                                           | /                          |
| 9.4                      | Strength and durability tests                               |                                                                           | /                          |
| 9.4.1                    | General                                                     |                                                                           | /                          |
| 9.4.2                    | Soft seating                                                | Tests 6 and 11 in Table 3                                                 |                            |
| 9.4.3                    | Seating intended for very young children only               |                                                                           | /                          |
| Table 3 - 1              | Seat and back static load test                              |                                                                           | P                          |
| Table 3 - 2              | Seat front edge static load test                            |                                                                           | N/A                        |
| Table 3 - 3              | Footrest static load test                                   |                                                                           | N/A                        |
| Table 3 - 5              | Arm downward static load test                               |                                                                           | P                          |
| Table 3 - 6              | Seat and back durability test                               |                                                                           | N/A                        |
| Table 3 - 7              | Seat front edge durability test                             |                                                                           | N/A                        |
| Table 3 - 8              | Arm durability test                                         |                                                                           | N/A                        |
| Table 3 - 9              | Leg forward static load test                                |                                                                           | P                          |

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| Absatz<br>Clause                  | Anforderungen - Prüfungen /<br>Requirements - Tests                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Messergebnisse –<br>Bemerkungen /<br>Measuring results - Remarks | Ergebnis<br>Result                                            |                         |                          |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
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| Table 3<br>- 10                   | Leg sideways static load test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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             |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
| Table 3<br>- 11                   | Seat impact test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  | P                                                             |                         |                          |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
| Table 3<br>- 12                   | Back impact test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  | P                                                             |                         |                          |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
| Table 3                           | <div>Table 3 — Strength and durability tests</div> <table><tr><th rowspan="2">Test description</th><th rowspan="2">Reference</th><th rowspan="2">Test parameters</th><th colspan="2">Test level</th></tr><tr><th>1</th><th>2</th></tr><tr><td>1. Seat and back static load test <sup>a b c d</sup></td><td>EN 1728:2012<sup>1</sup>, 6.4</td><td>Seat force, N<br/>Back force, N<br/>Min Back force, N<br/>Cycles</td><td>750<br/>200<br/>170<br/>10</td><td>1000<br/>250<br/>200<br/>10</td></tr><tr><td>2. Seat front edge static load test <sup>c</sup></td><td>EN 1728:2012<sup>1</sup>, 6.5</td><td>Force, N<br/>Cycles</td><td>-<br/>-</td><td>1000<br/>10</td></tr><tr><td>3. Footrest static load test</td><td>EN 1728:2012<sup>1</sup>, 6.8</td><td>Force, N<br/>Cycles</td><td>750<br/>10</td><td>1000<br/>10</td></tr><tr><td>5. Armrest downward static load test</td><td>EN 1728:2012<sup>1</sup>, 6.11</td><td>Force, N<br/>Cycles</td><td>250<br/>10</td><td>350<br/>10</td></tr><tr><td>6. Seat and back durability test <sup>a b c</sup></td><td>EN 1728:2012<sup>1</sup>, 6.17</td><td>Seat Force, N<br/>Back force, N<br/>Cycles</td><td>-<br/>-<br/>-</td><td>750<br/>250<br/>10 000</td></tr><tr><td>7. Seat front edge durability test <sup>c</sup></td><td>EN 1728:2012<sup>1</sup>, 6.18</td><td>Force, N<br/>Cycles</td><td>-<br/>-</td><td>750<br/>5 000</td></tr><tr><td>8. Armrest durability test</td><td>EN 1728:2012<sup>1</sup>, 6.20</td><td>Force, N<br/>Cycles</td><td>-<br/>-</td><td>200<br/>5 000</td></tr></table> <div><table><tr><th rowspan="2">Test description</th><th rowspan="2">Reference</th><th rowspan="2">Test parameters</th><th colspan="2">Test level</th></tr><tr><th>1</th><th>2</th></tr><tr><td>9. Leg forward static load test</td><td>EN 1728:2012<sup>1</sup>, 6.15</td><td>Force, N<br/>Force, N (min)<br/>Seat load, N<br/>Cycles</td><td>180<br/>100<br/>300<br/>10</td><td>300<br/>150<br/>750<br/>10</td></tr><tr><td>10. Leg sideways static load test</td><td>EN 1728:2012<sup>1</sup>, 6.16</td><td>Force, N<br/>Force, N (min)<br/>Seat load, N<br/>Cycles</td><td>180<br/>100<br/>300<br/>10</td><td>250<br/>150<br/>750<br/>10</td></tr><tr><td>11. Seat impact test <sup>e</sup></td><td>EN 1728:2012<sup>1</sup>, 6.24</td><td>Drop height, mm<br/>Cycles</td><td>100<br/>10</td><td>140<br/>10</td></tr><tr><td>12. Back impact test</td><td>EN 1728:2012<sup>1</sup>, 6.25</td><td>Height of fall, mm<br/>Cycles</td><td>70<br/>10</td><td>120<br/>10</td></tr></table><div><div><sup>a</sup> In derogation to EN 1728:2012<sup>1</sup>, multiple seating, only one seat shall be tested.</div><div><sup>b</sup> In case of small seats with a small backrest that does not allow the loading pad of EN 1728:2012<sup>1</sup> to be used, a 100 mm diameter loading pad may be used to apply the force on the backrest.</div><div><sup>c</sup> Seat load on parts not undergoing test: test level 1: 250 N, test level 2: 750 N.</div><div><sup>d</sup> For deckchairs, only the seat shall be tested.</div><div><sup>e</sup> For size 1 seating, in derogation to EN 1728:2012<sup>1</sup>, this test is only applied on point A.</div></div></div> |                                                                  | Test description                                              | Reference               | Test parameters          | Test level      |            | 1 | 2 | 1. Seat and back static load test <sup>a b c d</sup> | EN 1728:2012 <sup>1</sup> , 6.4 | Seat force, N<br>Back force, N<br>Min Back force, N<br>Cycles | 750<br>200<br>170<br>10 | 1000<br>250<br>200<br>10 | 2. Seat front edge static load test <sup>c</sup> | EN 1728:2012 <sup>1</sup> , 6.5 | Force, N<br>Cycles | -<br>- | 1000<br>10 | 3. Footrest static load test | EN 1728:2012 <sup>1</sup> , 6.8 | Force, N<br>Cycles | 750<br>10 | 1000<br>10 | 5. Armrest downward static load test | EN 1728:2012 <sup>1</sup> , 6.11 | Force, N<br>Cycles | 250<br>10 | 350<br>10 | 6. Seat and back durability test <sup>a b c</sup> | EN 1728:2012 <sup>1</sup> , 6.17 | Seat Force, N<br>Back force, N<br>Cycles | -<br>-<br>- | 750<br>250<br>10 000 | 7. Seat front edge durability test <sup>c</sup> | EN 1728:2012 <sup>1</sup> , 6.18 | Force, N<br>Cycles | -<br>- | 750<br>5 000 | 8. Armrest durability test | EN 1728:2012 <sup>1</sup> , 6.20 | Force, N<br>Cycles | -<br>- | 200<br>5 000 | Test description | Reference | Test parameters | Test level |  | 1 | 2 | 9. Leg forward static load test | EN 1728:2012 <sup>1</sup> , 6.15 | Force, N<br>Force, N (min)<br>Seat load, N<br>Cycles | 180<br>100<br>300<br>10 | 300<br>150<br>750<br>10 | 10. Leg sideways static load test | EN 1728:2012 <sup>1</sup> , 6.16 | Force, N<br>Force, N (min)<br>Seat load, N<br>Cycles | 180<br>100<br>300<br>10 | 250<br>150<br>750<br>10 | 11. Seat impact test <sup>e</sup> | EN 1728:2012 <sup>1</sup> , 6.24 | Drop height, mm<br>Cycles | 100<br>10 | 140<br>10 | 12. Back impact test | EN 1728:2012 <sup>1</sup> , 6.25 | Height of fall, mm<br>Cycles | 70<br>10 | 120<br>10 | / |
|                                   | Test description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Reference                                                        |                                                               |                         |                          | Test parameters | Test level |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
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|                                   | 1. Seat and back static load test <sup>a b c d</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EN 1728:2012 <sup>1</sup> , 6.4                                  | Seat force, N<br>Back force, N<br>Min Back force, N<br>Cycles | 750<br>200<br>170<br>10 | 1000<br>250<br>200<br>10 |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
|                                   | 2. Seat front edge static load test <sup>c</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 1728:2012 <sup>1</sup> , 6.5                                  | Force, N<br>Cycles                                            | -<br>-                  | 1000<br>10               |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
|                                   | 3. Footrest static load test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 1728:2012 <sup>1</sup> , 6.8                                  | Force, N<br>Cycles                                            | 750<br>10               | 1000<br>10               |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
|                                   | 5. Armrest downward static load test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EN 1728:2012 <sup>1</sup> , 6.11                                 | Force, N<br>Cycles                                            | 250<br>10               | 350<br>10                |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
|                                   | 6. Seat and back durability test <sup>a b c</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EN 1728:2012 <sup>1</sup> , 6.17                                 | Seat Force, N<br>Back force, N<br>Cycles                      | -<br>-<br>-             | 750<br>250<br>10 000     |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
|                                   | 7. Seat front edge durability test <sup>c</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN 1728:2012 <sup>1</sup> , 6.18                                 | Force, N<br>Cycles                                            | -<br>-                  | 750<br>5 000             |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
|                                   | 8. Armrest durability test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EN 1728:2012 <sup>1</sup> , 6.20                                 | Force, N<br>Cycles                                            | -<br>-                  | 200<br>5 000             |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
| Test description                  | Reference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Test parameters                                                  | Test level                                                    |                         |                          |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                     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| 9. Leg forward static load test   | EN 1728:2012 <sup>1</sup> , 6.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Force, N<br>Force, N (min)<br>Seat load, N<br>Cycles             | 180<br>100<br>300<br>10                                       | 300<br>150<br>750<br>10 |                          |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
| 10. Leg sideways static load test | EN 1728:2012 <sup>1</sup> , 6.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Force, N<br>Force, N (min)<br>Seat load, N<br>Cycles             | 180<br>100<br>300<br>10                                       | 250<br>150<br>750<br>10 |                          |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
| 11. Seat impact test <sup>e</sup> | EN 1728:2012 <sup>1</sup> , 6.24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Drop height, mm<br>Cycles                                        | 100<br>10                                                     | 140<br>10               |                          |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
| 12. Back impact test              | EN 1728:2012 <sup>1</sup> , 6.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Height of fall, mm<br>Cycles                                     | 70<br>10                                                      | 120<br>10               |                          |                 |            |   |   |                                                      |                                 |                                                               |                         |                          |                                                  |                                 |                    |        |            |                              |                                 |                    |           |            |                                      |                                  |                    |           |           |                                                   |                                  |                                          |             |                      |                                                 |                                  |                    |        |              |                            |                                  |                    |        |              |                  |           |                 |            |  |   |   |                                 |                                  |                                                      |                         |                         |                                   |                                  |                                                      |                         |                         |                                   |                                  |                           |           |           |                      |                                  |                              |          |           |   |
| 10                                | Stability requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| 10.1                              | General                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| Table 4<br>– 1                    | Forward overturning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| Table 4<br>– 2                    | Corner stability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| Table 4<br>– 3                    | Sideways stability without arms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| Table 4<br>– 4                    | Sideways stability with armrests                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| Table 4<br>– 5                    | Rearwards stability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| Absatz<br>Clause                                                                                                                                                                                                                                    | Anforderungen - Prüfungen /<br>Requirements - Tests                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Messergebnisse –<br>Bemerkungen /<br>Measuring results - Remarks | Ergebnis<br>Result                                   |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
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| Table 4                                                                                                                                                                                                                                             | <div>Table 4 — Stability tests</div> <table><tr><th rowspan="2">Test description</th><th rowspan="2">Reference</th><th rowspan="2">Test parameters</th><th colspan="2">Test level</th></tr><tr><th>1</th><th>2</th></tr><tr><td>1. Forward overturning</td><td>EN 1022:2018, 7.3.1 and 7.3.2</td><td>Seat force, N<br/>Horizontal force, N</td><td>250<br/>20</td><td>500<br/>20</td></tr><tr><td>2. Corner stability</td><td>EN 1022:2018, 7.3.3</td><td>Seat force, N</td><td>-</td><td>250</td></tr><tr><td>3. Sideways stability without arms</td><td>EN 1022:2018, 7.3.4</td><td>Seat force, N<br/>Horizontal force, N</td><td>250<br/>20</td><td>500<br/>20</td></tr><tr><td>4. Sideways stability with armrests</td><td>EN 1022:2018, 7.3.5</td><td>Arm force, N<br/>Seat force, N<br/>Horizontal force, N</td><td>150<br/>110<br/>20</td><td>300<br/>210<br/>20</td></tr><tr><td>5. Rearwards stability</td><td>EN 1022:2018, 7.3.6</td><td>Seat force, N<br/>Back force, N</td><td>250<br/>70</td><td>500<br/>130</td></tr></table>                                                                                                                                                                            | Test description                                                 | Reference                                            | Test parameters  | Test level                                                                                                                                                                                                                    |                 | 1              | 2             | 1. Forward overturning | EN 1022:2018, 7.3.1 and 7.3.2 | Seat force, N<br>Horizontal force, N | 250<br>20 | 500<br>20 | 2. Corner stability           | EN 1022:2018, 7.3.3              | Seat force, N | -               | 250     | 3. Sideways stability without arms | EN 1022:2018, 7.3.4 | Seat force, N<br>Horizontal force, N | 250<br>20 | 500<br>20       | 4. Sideways stability with armrests                                                                                                                                                                                           | EN 1022:2018, 7.3.5 | Arm force, N<br>Seat force, N<br>Horizontal force, N                                                                                                                                                                                                | 150<br>110<br>20 | 300<br>210<br>20 | 5. Rearwards stability | EN 1022:2018, 7.3.6 | Seat force, N<br>Back force, N | 250<br>70 | 500<br>130 |  | / |
|                                                                                                                                                                                                                                                     | Test description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                  |                                                      |                  | Reference                                                                                                                                                                                                                     | Test parameters | Test level     |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
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|                                                                                                                                                                                                                                                     | 1. Forward overturning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN 1022:2018, 7.3.1 and 7.3.2                                    | Seat force, N<br>Horizontal force, N                 | 250<br>20        | 500<br>20                                                                                                                                                                                                                     |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
|                                                                                                                                                                                                                                                     | 2. Corner stability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 1022:2018, 7.3.3                                              | Seat force, N                                        | -                | 250                                                                                                                                                                                                                           |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
|                                                                                                                                                                                                                                                     | 3. Sideways stability without arms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 1022:2018, 7.3.4                                              | Seat force, N<br>Horizontal force, N                 | 250<br>20        | 500<br>20                                                                                                                                                                                                                     |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
|                                                                                                                                                                                                                                                     | 4. Sideways stability with armrests                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 1022:2018, 7.3.5                                              | Arm force, N<br>Seat force, N<br>Horizontal force, N | 150<br>110<br>20 | 300<br>210<br>20                                                                                                                                                                                                              |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 5. Rearwards stability                                                                                                                                                                                                                              | EN 1022:2018, 7.3.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Seat force, N<br>Back force, N                                   | 250<br>70                                            | 500<br>130       |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 10.2                                                                                                                                                                                                                                                | Alternative rearwards stability tests for rocking and reclining chairs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                  | /                                                    |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 10.2.1                                                                                                                                                                                                                                              | Rocking chairs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                  | N/A                                                  |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 10.2.2                                                                                                                                                                                                                                              | Reclining chairs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                  | N/A                                                  |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 10.2.3                                                                                                                                                                                                                                              | Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  | /                                                    |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| Table 5                                                                                                                                                                                                                                             | <div>Summaries the requirements specified in 10.2.1 and 10.2.2</div> <div>Table 5 — Stability tests for rocking chairs and reclining chairs</div> <table><tr><th>Test description</th><th>Reference</th><th>Test parameters</th><th>Size 1 seating</th><th>Size 2 seating</th><th>Size 3 seating</th></tr><tr><td>Rocking chair</td><td>EN 1022:2018, 7.4</td><td>Load</td><td>Test mass (5.7)</td><td>3 disks</td><td>6 disks</td></tr><tr><td>Reclining chairs <sup>a</sup></td><td>EN 1022:2018, 7.4.2 <sup>b</sup></td><td>Load</td><td>Test mass (5.7)</td><td colspan="2">6 disks</td></tr><tr><td colspan="2">Equipment:</td><td></td><td>Test mass (5.7)</td><td colspan="2">EN 1022:2018, 4.4.<br/>If it is not possible to use the disks specified in EN 1022:2018, it is possible to use disk with a smaller diameter but with a same height to perform the tests on seating with a smaller seat surface</td></tr><tr><td colspan="6"><sup>a</sup> These tests are not applicable to deckchairs (see 3.4) and to soft seating (see 3.9).<br/><sup>b</sup> In derogation to EN 1022:2018, 7.4.2, this clause applies also to all reclined seat with a theta angle ≥ 10° and lower than 55°.</td></tr></table> | Test description                                                 | Reference                                            | Test parameters  | Size 1 seating                                                                                                                                                                                                                | Size 2 seating  | Size 3 seating | Rocking chair | EN 1022:2018, 7.4      | Load                          | Test mass (5.7)                      | 3 disks   | 6 disks   | Reclining chairs <sup>a</sup> | EN 1022:2018, 7.4.2 <sup>b</sup> | Load          | Test mass (5.7) | 6 disks |                                    | Equipment:          |                                      |           | Test mass (5.7) | EN 1022:2018, 4.4.<br>If it is not possible to use the disks specified in EN 1022:2018, it is possible to use disk with a smaller diameter but with a same height to perform the tests on seating with a smaller seat surface |                     | <sup>a</sup> These tests are not applicable to deckchairs (see 3.4) and to soft seating (see 3.9).<br><sup>b</sup> In derogation to EN 1022:2018, 7.4.2, this clause applies also to all reclined seat with a theta angle ≥ 10° and lower than 55°. |                  |                  |                        |                     |                                |           | /          |  |   |
|                                                                                                                                                                                                                                                     | Test description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Reference                                                        | Test parameters                                      | Size 1 seating   | Size 2 seating                                                                                                                                                                                                                | Size 3 seating  |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
|                                                                                                                                                                                                                                                     | Rocking chair                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EN 1022:2018, 7.4                                                | Load                                                 | Test mass (5.7)  | 3 disks                                                                                                                                                                                                                       | 6 disks         |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
|                                                                                                                                                                                                                                                     | Reclining chairs <sup>a</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EN 1022:2018, 7.4.2 <sup>b</sup>                                 | Load                                                 | Test mass (5.7)  | 6 disks                                                                                                                                                                                                                       |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
|                                                                                                                                                                                                                                                     | Equipment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                  |                                                      | Test mass (5.7)  | EN 1022:2018, 4.4.<br>If it is not possible to use the disks specified in EN 1022:2018, it is possible to use disk with a smaller diameter but with a same height to perform the tests on seating with a smaller seat surface |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| <sup>a</sup> These tests are not applicable to deckchairs (see 3.4) and to soft seating (see 3.9).<br><sup>b</sup> In derogation to EN 1022:2018, 7.4.2, this clause applies also to all reclined seat with a theta angle ≥ 10° and lower than 55°. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                  |                                                      |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 11                                                                                                                                                                                                                                                  | Product information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                  |                                                      |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 11.1                                                                                                                                                                                                                                                | General                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Not requested                                                    | N/T                                                  |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 11.2                                                                                                                                                                                                                                                | Marking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                  | /                                                    |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 11.2.1                                                                                                                                                                                                                                              | Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Not requested                                                    | N/T                                                  |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 11.2.2                                                                                                                                                                                                                                              | Durability of marking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Not requested                                                    | N/T                                                  |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 11.3                                                                                                                                                                                                                                                | Purchase information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  | N/A                                                  |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 11.4                                                                                                                                                                                                                                                | Instruction for use                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                  | /                                                    |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |
| 11.4.1                                                                                                                                                                                                                                              | <div>General</div> <div>Instructions for the safe use of the seating shall be provided and shall be headed “IMPORTANT! READ CAREFULLY AND KEEP FOR FUTURE REFERENCE” in letters not less than 5 mm high.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Not requested                                                    | N/T                                                  |                  |                                                                                                                                                                                                                               |                 |                |               |                        |                               |                                      |           |           |                               |                                  |               |                 |         |                                    |                     |                                      |           |                 |                                                                                                                                                                                                                               |                     |                                                                                                                                                                                                                                                     |                  |                  |                        |                     |                                |           |            |  |   |

**Prüfbericht-Nr.: CN2530A0 001**  
**Test report no.:**

| Absatz<br>Clause | Anforderungen - Prüfungen /<br>Requirements - Tests                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Messergebnisse –<br>Bemerkungen /<br>Measuring results - Remarks | Ergebnis<br>Result |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------|
| 11.4.2           | <p>Warnings</p> <p>The instructions shall contain:<br/>The ward "WARNING" written in upper case, followed by the following statements:</p> <ul style="list-style-type: none"> <li>• "DO NOT place this product near a window as it can be used as a step by the child and cause the child to fall out of the window";</li> <li>• "Be aware of the risk of open fires and other sources of strong heat in the vicinity of the product";</li> <li>• "DO NOT place this product near a window where cords from blinds or curtains may strangle a child"</li> </ul> <p>These statements may be expressed in different words providing they clearly convey the same message.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not requested                                                    | N/T                |
| 11.4.3           | <p>Additional information</p> <p>The instructions shall contain the following additional information:</p> <ol style="list-style-type: none"> <li>a) number and date of this European Standard;</li> <li>b) the name or trade mark of the manufacturer or importer and the respective European address; including the webpage if appropriate;</li> <li>c) means of identifying the seating e.g. model number;</li> <li>d) the age of the child for which the seating is intended;</li> <li>e) if applicable an assembly drawing, list and description of parts and tools required for assembly and a diagram of the bolts and other fastenings required;</li> <li>f) if applicable, a statement that all assembly fittings should always be tightened properly;</li> <li>g) a statement not to use the seating if any part is broken, torn or missing and use only spare parts approved by the manufacturer;</li> <li>h) if applicable, cleaning and maintenance recommendations;</li> <li>i) if the seating is equipped with a restraint system, a statement that the restraint system shall be removed/hidden/covered (as applicable) when the product is used as a seating.</li> </ol> | Not requested                                                    | N/T                |

\*\*\* End of test report \*\*\*