

DIN EN 14988-2:2006-06 (E)

Children's high chairs - Part 2: Test methods

| Contents | | Page |
|--------------------|---|-------------|
| Introduction | | 5 |
| 1 | Scope | 6 |
| 2 | Normative references | 6 |
| 3 | Terms and definitions | 6 |
| 4 | General test conditions | 6 |
| 4.1 | Preliminary preparation | 6 |
| 4.2 | Test sequence | 6 |
| 4.3 | Tolerances | 6 |
| 5 | Test equipment | 7 |
| 5.1 | General | 7 |
| 5.2 | Test dummy | 7 |
| 5.3 | Impact hammer | 8 |
| 5.4 | Loading pad | 9 |
| 5.5 | Stops | 9 |
| 5.6 | Floor surface | 9 |
| 5.7 | Beams | 9 |
| 5.7.1 | Beam for stability test | 9 |
| 5.7.2 | Beam for height of lateral protection test | 9 |
| 5.8 | Slide gauges | 9 |
| 5.9 | Force-measuring device | 10 |
| 5.10 | Test load | 10 |
| 5.11 | Small parts cylinder | 10 |
| 5.12 | Small torso probe | 11 |
| 5.13 | Device for measuring the angle, the length and the height of the back rest and the height of the lateral protection | 12 |
| 6 | Test procedures | 13 |
| 6.1 | General | 13 |
| 6.2 | Impact test | 13 |
| 6.3 | Durability of the locking mechanism | 14 |
| 6.4 | Strength of the locking mechanism | 14 |
| 6.5 | Small parts | 14 |
| 6.6 | Openings | 15 |
| 6.6.1 | Openings between moving parts | 15 |
| 6.7 | Strength of harness/belt attachment points | 15 |
| 6.8 | Strength of harness, belt and crotch strap or bar | 15 |
| 6.9 | Back rest tests | 15 |
| 6.9.1 | Determination of back rest angle | 15 |
| 6.10 | Seat vertical static load test | 16 |
| 6.11 | Footrest vertical static load test | 16 |
| 6.12 | Height of lateral protection | 16 |
| 6.13 | Stability tests | 16 |
| 6.13.1 | Positioning | 16 |
| 6.13.2 | Sideways stability | 16 |
| 6.13.3 | Rearwards stability | 17 |
| 6.13.4 | Forwards stability | 18 |
| 6.13.5 | Footrest and horizontal frame member stability | 19 |

| | | |
|--------|--|----|
| 6.14 | Tray tests | 20 |
| 6.14.1 | Tray strength test | 20 |
| 6.14.2 | Tray vertical static load test and stability | 20 |
| 6.14.3 | Tray drop test | 20 |
| 7 | Test report | 21 |