DANISH TECHNOLOGICAL INSTITUTE

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| | |
|---|---|
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| Initials | laha/prni/hbs |

# Test Report

Material: Model: Kupol 200×100 – covers the series

| | | | | | |
|---|---|---|---|---|---|
| Type: | Table | | | | |
| Length: | 2000 mm | Width: | 1000 mm | Height: | 725 mm |
| Weight: | 43,50 kg | | | | |
| Materials: | Tabletop 26 mm particleboard, metal<br>Birch legs | | | | |

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 23-04-2015.

Method: EN 1729-1:2008 Furniture – Chairs and tables for educational institutions – Part 1: Functional dimensions. Tested according to table A.1 clauses 1-6.

EN 1729-2:2012 Furniture – Chairs and tables for educational institutions – Part 2: Safety requirements and test methods. Loading according to EN 1729-2:2012 size 7, (Brown). Clauses 4, 6.

Period: The testing was carried out from 23-04-2015 to 06-05-2015.

Result: Model Kupol 200×100 fulfils the requirements in EN 1729-1:2008 and the requirements of Table A.1

Individual results appear from Appendices 1 and 2.

Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

Terms: The test was performed according to the attached conditions, which are according to the guidelines laid down by DANAK (The Danish Accreditation). The testing is only valid for the tested specimen. The test report may only be extracted, if the laboratory has approved the extract.

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06-05-2015, Danish Technological Institute, Wood Technology, Taastrup

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Test responsible

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Verifier

# Testing of model: Kupol 200×100

## EN 1729-1:2006 – Table A.2

| Size code | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|---|
| **Colour code** | **White** | **Orange** | **Violet** | **Yellow** | **Red** | **Green** | **Blue** | **Brown** |
| **1. Length of the lower leg (without shoes)** | 200-250 | 250-280 | 280-315 | 315-355 | 355-405 | 405-435 | 435-485 | 485+ |
| **2. Person height (without shoes)** | 800-950 | 930-1160 | 1080-1210 | 1190-1420 | 1330-1590 | 1460-1765 | 1590-1880 | 1740-2070 |
| **3. $H_1$-Height ± 10 mm** | 400 | 460 | 530 | 590 | 640 | 710 | 760 | 820 |
| **Measured** | | | | | | 725 | | |
| **4. $T_1$-Min. table top depth** | 500[1] | 500[1] | 500[1] | 500[1] | 500 | 500 | 500 | 500 |
| **Measured** | | | | | | 1000 | | |
| **5. Min. table top length per person** | 600[2] | 600[2] | 600[2] | 600[2] | 600 | 600 | 600 | 600 |
| **Measured** | | | | | | 1000 | | |
| **6. Min. horizontal distance between legs (per person)** | 500[3] | 500[3] | 500[3] | 500[3] | 500 | 500 | 500 | 500 |
| **Measured** | | | | | | 570 | | |

1. Can be reduced to 400 mm (only if required due educational conditions)
2. Can be reduced to 550 mm (only if required due to educational conditions)
3. Can be reduced to 450 mm (only if required due to educational conditions)

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Appendix 2

Initials laha/prni/hbs

# Testing of model: Kupol 200×100

## Loading according to EN 1729-2:2012, size 7 (brown)

| Testing | Test method | Cycles | Loading | Result |
|---|---|---|---|---|
| **6 Testing of tables** | | | | |
| 6.1.2 Stability of tables, vertical load | EN 1730:2000 6.7 | | Vertical: 600 N | Passed |
| 6.2.2 Horizontal static load | EN 1730:2000 6.2 | 10 | Horizontal: 400 N | Passed |
| 6.2.3 Horizontal durability | EN 1730:2000 6.4 | 10.000 | Vertical: 50 kg<br>Horizontal: 300 N | Passed |
| 6.2.4 Vertical static load | EN 1730:2000 6.3 | 10 | Horizontal: 1.000 N | Passed |
| 6.2.5 Vertical durability | EN 1730:2000 6.5 | 10.000 | Horizontal: 600 N | Passed |

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## Photo

DANISH TECHNOLOGICAL INSTITUTE

The general conditions pertaining to assignments accepted by Danish Technological Institute shall apply in full to the technical testing and calibration at Danish Technological Institute and to the completion of test reports and calibration certificates within the relevant field.

**Danish Accreditation (DANAK)**

DANAK was established in 1991 in pursuance of the Danish Act No. 394 of 13 June 1990 on the promotion of Trade and Industry.

The requirements to be met by accredited laboratories are laid down in the "Danish Agency for Trade and Industry's ("Erhvervsfremme Styrelsens") Statutory Order on accreditation of laboratories to perform testing etc. and GLP inspection. The statutory order refers to other documents, where the criteria for accreditation are specified further.

The standards DS/EN ISO/IEC 17025 "General requirements for the competence of testing and calibration laboratories" and DS/EN 45002 "General criteria for the assessment of testing laboratories" describe fundamental criteria for accreditation. DANAK uses guidance documents to clarify the requirements in the standards, where this is considered to be necessary. These will mainly be drawn up by the "European co-operation of Accreditation (EA)" or the "International Laboratory Accreditation Co-operation (ILAC)" with the purpose of obtaining uniform criteria for accreditation. In addition, DANAK draws up Technical Regulations with specific requirements for accreditation that are not contained in the standards.

In order for a laboratory to be accredited it is, among other things, required:

- that the laboratory and its personnel are not subject to any commercial, financial or other pressures, which might influence their technical judgement
- that the laboratory operates a documented quality system
- that the laboratory has at its disposal all items of equipment, facilities and premises required for correct performance of the service that it is accredited to perform
- that the laboratory management and personnel have technical competence and practical experience in performing the service that they are accredited to perform
- that the laboratory has procedures for traceability and uncertainty calculations
- that accredited testing or calibration is performed in accordance with fully validated and documented methods
- that the laboratory keeps records, which contain sufficient information to permit repetition of the accredited test or calibration
- that the laboratory is subject to surveillance by DANAK on a regular basis
- that the laboratory shall take out an insurance, which covers liability in connection with the performance of accredited services

Reports carrying DANAK's logo are used, when reporting accredited services and show that these have been performed in accordance with the rules for accreditation.