DANAK
TEST Reg.no. 25

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Order no. 204287
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Appendices 2

Initials thp/laha/hbs

Test Report

Material:

Model: "PONNY"

Type:	Chair			Lab.no.:	204287d
Length:	426	Width:	358	Height:	566
Weight:	4.45				
Materials:	Plywood with glued laminate. Sides 18 mm with laminate Seat and back 17 mm with laminate				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 14-05-2007

Method: EN 1728:2000 Domestic furniture - Seating - Test methods for the determination of strength and durability. Loading according to DS/INF 130:2001-02-09, test level 3. Severe domestic use/light contract use. Clauses 6.2.1, 6.2.2, 6.7, 6.8, 6.12, 6.13, 6.15, 6.16.

Period: The testing was carried out from 14-05-2007 to 29-05-2007.

Result: Model "PONNY" fulfils the requirements in EN 1728:2000 Domestic furniture - Seating - Test methods for the determination of strength and durability. Loading according to DS/INF 130:2001-02-09, test level 3.
Part results appear from Appendix 1.

Storage: The test material will be destroyed after 2 months, unless otherwise agreed.

Terms: The test has been performed according to the rear side 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.

31-05-2007, Danish Technological Institute, Wood and Textile, Taastrup

Thomas Høyrup

Lars Hansen

Test of Model: "PONNY"
Lab. no.: 204287d

Loading according to DS/INF 130:2001-02-09, test level 3.

Test	Test Method	Cycles	Load	Result
Static Load - Seat and Back	EN 1728, 6.2.1	10 10	Seat: 1300 N Back: 560 N	Passed
Static Load of Seat Front Edge	EN 1728, 6.2.2	10	Seat: 1300 N	Passed
Additional Static Load Test for Tilting Chairs and Intermediate Reclining Chairs	EN 1728, 6.3.1			N/A
Additional Static Load Test for Fully Reclining Chairs	EN 1728, 6.3.2			N/A
Static Load Test of Foot Rail/Foot Rest and Leg Rest	EN 1728, 6.4			N/A
Sideways Static Load of Arms	EN 1728, 6.5			N/A
Sideways Static Load of Wings	EN 1728, 6.5			N/A
Downwards Static Load of Arms	EN 1728, 6.6			N/A
Combined Seat and Back Fatigue Test	EN 1728, 6.7	50000 50000	Seat: 1000 N Back: 300 N	Passed
Seat Front Edge Fatigue Test	EN 1728, 6.8	40000	1000 N	Passed
Seat and Back Fatigue Test for Tilting Chairs and Intermediate Reclining Chairs	EN 1728, 6.9.1			N/A
Seat and Back Fatigue Test for Fully Reclining Chairs and Lounges	EN 1728, 6.9.2			N/A
Arm Fatigue Test	EN 1728, 6.10			N/A
Leg Rest Fatigue Test	EN 1728, 6.11			N/A
Leg Forward Static Load Test	EN 1728, 6.12	10	(Edge: 500 N) (Seat: 1000 N)	Passed
Tilts at 100 N.				
Legs Sideways Static Load Test	EN 1728, 6.13	10	(Edge: 350 N) (Seat: 1000 N)	Passed
Tilts at 300 N.				
Diagonal Static Base Load Test	EN 1728, 6.14			N/A
Seat Impact Test	EN 1728, 6.15	10	180 mm	Passed
Back Impact Test	EN 1728, 6.16	10	210 mm / 38°	Passed
Arm Impact Test	EN 1728, 6.17			N/A
Drop Test	EN 1728, 6.18			N/A
Drop Test - Stacking Chairs	ISO 7173			N/A

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Photo

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.