

Customer Details: Pineapple Contracts
Murray Road
ORPINGTON
Kent
BR5 3QY

For the attention of: Neill Smith

TECHNICAL REPORT

Subject: Nero Polypropylene Chair - For BS EN 15373: 2007 (Test Level 3)

Your Ref:

Our Ref: FUR0183611

Date: 5th May 2010

Date Sample Received: 25th March 2010

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

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Report signed by: Jacqueline Glasspool
Position: Deputy Business Manager
Department: Furniture Technology Department

ASSESSMENT OF NERO POLYPROPYLENE CHAIR

As requested by Pineapple Contracts, SATRA have assessed the Nero Polypropylene Chair chest submitted in terms of fitness for purpose, with regard to strength, stability and safety requirements.

SAMPLE SUBMITTED

Sample reference: Nero Polypropylene Chair
 Date received: 25th March 2010
 Testing completed: 5th May 2010
 Testing conducted by: T Lyons
 Report by: D Major

TESTS CARRIED OUT

BS EN 15373: 2007 – Furniture – Strength, durability and safety – Requirements for non-domestic seating.

RESULTS

BS EN 15373: 2007 (Test Level 3)

Clause	Test	Result
5	Safety Requirements	
5.1	General	
5.2	Shear and squeeze points	
5.2.1	Shear and squeeze points when setting up and folding	N/A
5.2.2	Shear and squeeze points under influence of powered mechanisms	N/A
5.2.3	Shear and squeeze points during use (see strength and durability table)	PASS
5.3	Stability	
5.3.1	General	PASS
5.3.2	Swivelling chairs	N/A
5.3.3	Non swivelling chairs	PASS
5.4	Rolling resistance of the unloaded chair	N/A

STRENGTH AND DURABILITY TABLE – Test Level 3 (Severe Use)

Reference	Test and Sequence	Results
EN 1728: 2000, 6.2.1	Seat and back static load test	PASS
EN 1728: 2000, 6.2.2	Seat front edge static load test	PASS
EN 1728: 2000, 6.3	Additional static load test for tilting chairs and intermediate reclining chairs	N/A
Annex A2	Vertical static load on back	PASS
EN 1728: 2000, 6.4	Foot rail/foot rest and leg static load test	N/A
EN 1728: 2000, 6.5	Arm sideways static load test	PASS
	Wing sideways static load test	N/A
EN 1728: 2000, 6.6	Arm downwards static load test	PASS
Annex A1	Vertical upwards static load on arm rests	PASS
EN 1728: 2000, 6.7	Seat and back fatigue test	PASS
	Seat and back fatigue test for chairs with tilting or reclining mechanism (upright position)	N/A
EN 1728: 2000, 6.8	Seat front edge fatigue test	PASS
EN 1728: 2000, 6.10	Arm fatigue test	PASS
EN 1728: 2000, 6.11	Leg rest fatigue	N/A
Annex A5	Foot rail fatigue	N/A
EN 1728: 2000, 6.12	Leg forward static load test	PASS
EN 1728: 2000, 6.13	Leg sideways static load test	PASS
EN 1728: 2000, 6.14	Diagonal base test	N/A
EN 1728: 2000, 6.15	Seat impact test	PASS
EN 1728: 2000, 6.16	Back impact test	PASS
EN 1728: 2000, 6.17	Arm impact test	PASS
EN 1728: 2000, 6.18	Drop test (multiply seating)	N/A
Annex A3	Auxiliary writing surface static load test	N/A
Annex A4	Auxiliary writing surface static load test	N/A

DISCUSSION

The 'Nero Polypropylene Chair' submitted for testing by Pineapple Contracts (see Pictures 1-3), has satisfied the relevant requirements of BS EN 15373: 2007 (Test Level 3 – Severe Use) – Strength, durability and safety requirements for non-domestic seating.

Appendices



Front View: Nero Polypropylene Chair



Side View: Nero Polypropylene Chair



Rear View: Nero Polypropylene Chair



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 - iii. The above items are submitted to the Customer as confidential documents. Confidentiality shall continue to apply after completion of the business, but shall cease to apply to information or knowledge which may come into the public domain.
13. **CONSTRUCTION AND ARBITRATION**
The laws of England shall govern all contracts and the parties submit to exclusive jurisdiction of the courts of England, unless otherwise agreed.

Issue Date: 1st October 2009

Pineapple Contracts
FUR0183611

Date: 5th May 2010

Signed:

Deputy Business Manager
Furniture Technology Centre

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8. Flammability test results relate only to ignitability of the combination of materials under the particular conditions of tests; they are not intended as a means of assessing the full potential fire hazard of the materials in use.
9. Flammability test results can only be applied to the batch of materials submitted for test. It is recommended by many Fire Officers and Trading Standards Officers that test results and certificates are renewed every six months through re-tests. More frequent testing of batches (such as once per month or each batch) may be needed to show due diligence.
10. SATRA Furniture – Fitness for Purpose Guidelines and SATRA Test Methods may be used where appropriate. Such occasions may include instances where there is no European or International standard that is appropriate. SATRA Guidelines and Test Methods reflect the current state of knowledge and are constantly being reviewed.
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12. Where due diligence is required, clients should be able to demonstrate, statistically, that the required performance level is consistently present throughout each batch. Thus test data is needed and this should be based upon sampling each batch in accordance with statistical sampling such as ISO 2859-1.
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June 2007