

FLAMMABILITY TEST REPORT

Report No.: LEHTX00748894 **Date Received:** 04/06/14 **Date Tested:** 10/06/14 **1st Date Issued:** 10/06/14
Retype 2 **Retype 1 Issued:** 11/06/14
Retype 2 Issued: 11/06/14

Company Name & Address: FIRMA "SZMIDT I SYN" KAROL SZMIDT
BISKUPIE 11
62-561 SLESIN
POLAND

Contact Name: KAROL SZMIDT

Sample Details

Order No.: Not stated
Description: Not stated
Ref/Style No.: Not stated
Colour: Not stated
Quality: Not stated
Supplier: Not stated
Batch No.: Not stated
End Use: Upholstery
Quoted Fibre Composition: Not stated
Retailer: Not stated
Filling Description: White coloured loose fibre filling

Test Method	Pre Treatment	Flammability Performance Requirement	Result
BS 5852: Part 2: 1982 (Ignition source 2) as modified by Schedule 2 Part 1 of the Furniture & Furnishings (Fire) (Safety) Regulations 1988 (As Amended).	None	As Schedule 2 Part 1 (non-foam filling materials tested singly) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	Complies

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(Laboratory Manager)


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FLAMMABILITY TEST REPORT

Test Specification

Test Method: BS 5852: Part 2: 1982 as modified by Schedule 2 Part 1 (non-foam filling materials tested singly) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended) and using the cover fabric detailed below.

Ignition Source: Source 2: Butane Gas flowing at 160 ± 5 ml/min @ 25°C.

Flame Application Time: 40±1 seconds

Filling Specification

Filling Type: Loose fibre

Packing Density: Packed at the approximate density of 28/m³ (at the request of the customer)

Supplier / Grade: Not stated / Not stated

Cover Fabric: Standard test fabric as detailed in Schedule 1 Part 1 of The Furniture (Fire) (Safety) Regulations 1988 (as amended).

Conditioning

Prior to Testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%

At Time of Testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 70%

Test Results

"The following test results relate only to the ignitability of the combinations of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use."

Pass / Fail Criteria	Initial test	Repeat test
Progressive smouldering failure		
Externally detectable amounts of smoke, heat or glowing 30 min after the removal of the burner tube	No	No
Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction	No	No
Smouldering essentially consumed the test specimen within the duration of the test	No	No
Flaming failure		
The test specimen continued to flame for more than 120 seconds after removal of the burner tube	No	No
Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction	No	No
Flaming essentially consumed the test specimen within the duration of the test	No	No
Final examination		
Internal progressive smouldering was observed when the test specimen was dismantled	No	No
Comments		
Time to extinction of flames after removal of the burner	7 Seconds	20 Seconds
Time to extinction of glowing after removal of the burner	-	-
Time to extinction of smoke after removal of the burner	16 Seconds	41 Seconds
Extent of damage to seat back length / width (mm)	211 62	207 58
Extent of damage to seat base length / width (mm)	51 50	43 60
Test Result	PASS	PASS

Conclusions

When packed at the density of 28kg/m³ (At the request of the customer) the filling material meets the requirements of Schedule 2 Part 1 (non-foam filling materials tested singly) of the Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).

PASS.

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