

## FLAMMABILITY TEST REPORT

Report No.: LEHTX00788780

Date Received: 29/12/14

Date Tested: 05/01/15

Date Issued: 05/01/15

**Company Name & Address:** MILA SP. Z O.O.  
PRZEJAZDOWA 6J  
42-280 CZĘSTOCHOWA  
POLAND

**Contact Name:** AGATA BEDNAREK

Sample Details

Description: Not stated  
Order No.: Not stated  
Style No.: Polypropylene spunbond nonwoven, weight 12g/m<sup>2</sup> - 300g/m<sup>2</sup>; in colours: white, beige, grey and black  
Batch No.: Not stated  
Quality: 60gsm  
Colour: Black  
Supplier: Dongsheng  
End Use: Not stated  
Quoted Fibre Composition: 100% Polypropylene  
Retailer: Not stated  
Sample Description: Black coloured nonwoven fabric

Test Method	Pre Treatment	Requirement	Result
BS 5852: Part 1: 1979, Ignition source 0 (Cigarette).	None	Compliance with Schedule 4 Part 2 (Cigarette test for invisible parts) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	<b>Complies</b>
<b>Note:</b> The final upholstery composite was not known to the customer so the customer requested that the cigarette test be carried out over combustion modified foam with a density of 24-26 kg/m <sup>3</sup> .			
BS 5852: Part 1: 1979, Ignition source 1 (Match)	None	Compliance with Schedule 5 Part 3 (Match test for invisible parts) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	<b>Complies</b>

STEVEN OWEN  
(Chemical Technologist)

ANDREW HALLETT  
(Flammability Technician)

CAROLE SPOWART  
(Flammability Technician)

SIMON CHEE  
(Operations Manager)

Report No.: LEHTX00788780 Page 1 of 2

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### Test Specification

Test method: BS 5852: Part 1: 1979 as modified by Schedule 4 Part 2 & Schedule 5 Part 3 of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).

Ignition Source: Ignition source 0: Calibrated Senior Service cigarette  
Ignition source 1: Butane Gas flowing at 45ml/min @ 25°C.

Flame application time: 20±1 seconds

Side tested: Face

### Filling Specification

Filling type: Polyurethane foam

Supplier / grade: Carpenter / RX25140 combustion modified

Size: 450 x 300 x 75mm (back) & 450 x 150 x 75mm (seat)

Density / Hardness: 24-26 kg/m<sup>3</sup> / 120-160N

### Pre-treatment / Durability procedure

None

### 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."*

Ignition source 0 (Test 1):	The cigarette burnt out within 19 minutes, there was no flaming or progressive smouldering. <b>(Pass)</b>
Ignition source 0 (Test 2):	The cigarette burnt out within 20 minutes, there was no flaming or progressive smouldering. <b>(Pass)</b>
Ignition source 1 (Test 1):	Flaming ceased with the removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
Ignition source 1 (Test 2):	Flaming ceased with the removal of the burner, there was no progressive smouldering. <b>(Pass)</b>

### Conclusions

The composite tested meets the requirements of Schedule 4 Part 2 (Cigarette test for invisible parts) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

The fabric tested meets the requirements of Schedule 5 Part 3 (Match test for invisible parts) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

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