

FLAMMABILITY TEST REPORT

Report No.: LEI24070055A
Original

Date Received: 01/07/24

Date Tested: 05/07/24

Date Issued: 05/07/24

Company Name & Address: ENGLISCH DEKOR
SCHEYDGASSE 29
AT-1210 WIEN
AUSTRIA

Contact Name: KIM VILLALUZ

Sample Details

Order No.: Not stated
Description: Not stated
Ref./Style No.: Not stated
Colour: Not stated
Quality: "bellevue"
Supplier: Not stated
Batch No.: Not stated
End Use: Upholstery fabric
No. Of Samples: Not stated
Quoted Fibre Composition: 100% PES FR
Retailer: Not stated
Buying Division: Not stated
Sample Description: Yellow coloured woven fabric with pile

Test Method	Pre Treatment	Flammability Performance Requirements	Result
IMO FTP Code (2010) – Annex 1, Part 8 (Smouldering cigarette test)	None	IMO FTP Code (2010) – Annex 1, Part 8	PASS
IMO FTP Code (2010) – Annex 1, Part 8 (Propane flame test)	None	IMO FTP Code (2010) – Annex 1, Part 8	PASS

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(Technical, Quality & Systems Director)

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ANDREW HALLETT
(Flammability Team Leader)

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CAROLE SPOWART
(Flammability Administrator)

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TREFOR LEE
(Senior Flammability Technician)

Additional Information (Annex)

Name and Address of the Sponsor: Not stated
Name and Address of the Manufacturer/Supplier (If known): Not stated
Type of Furniture: Upholstery
Fabric Details – Weave/Density/Yarn count/thickness(mm)/mass(g/m²) Colour & Tone: Not stated
Fire Retardant Treatment: Yes

Uncertainty of Measurement

The uncertainty of measurement for Ignition source 0 has been estimated to be 0.03%
The uncertainty of measurement for Ignition source 1 has been estimated to be 5.43%

Test Specification

Test Method: IMO FTP Code (2010) – Annex 1, Part 8
Ignition Source: Ignition source 0: Filterless cigarette
Ignition source 1: Propane Gas (95% Purity) flowing at 6.38±0.25 g/hour @ 20°C.
Flame Application Time: 20±1 seconds
Side Tested: Face

Cigarette Specification

Cigarette Type: Filterless cigarette
Dimensions: Length: 70±4 mm
Diameter: 8±0.5 mm
Mass: 0.95±0.15 g
Smouldering Rate: 11±4.0 min/50mm

Filling Specification

Filling Type: Polyurethane Foam
Supplier / Grade: Carpenter / RP21130 Unmodified
Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)
Density / Hardness: 20-22 kg/m³ / Type B, 130N

Pre-treatment / Durability procedure

None. Tested as received

Conditioning

Prior to Testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%
At Time of Testing: Temperature between 15°C & 25°C. Relative humidity between 20% & 70%

Test Results

"The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use."

Cigarette Test	Initial		Repeat	
Criterion of Ignition				
Smoulders More Than 1 Hour	No		No	
In Final Examination, Presence of Active Smouldering	No		No	
Occurrence Of Flames	No		No	
Comments				
Flaming Ceased	-		-	
Glowing Ceased	-		-	
Smoke Ceased	< 20 Minutes		< 22 Minutes	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	17	63	17	62
Damage to Base (mm) Length / Width	14	64	15	63
Result	PASS		PASS	

Propane Flame Test	Initial		Repeat	
Criterion of Ignition				
Smoulders More Than 1 Hour	No		No	
In Final Examination, Presence of Active Smouldering	No		No	
Flames For Longer Than 120 Seconds	No		No	
Comments				
Flaming Ceased	0 Seconds		0 Seconds	
Glowing Ceased	-		-	
Smoke Ceased	16 Seconds		13 Seconds	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	90	26	85	25
Damage to Base (mm) Length / Width	17	16	15	20
Result	PASS		PASS	

Conclusions

When tested over RP21130 foam) the sample meets the flammability performance requirements of the smouldering cigarette test in FTP Code (2010) – Annex 1, Part 8. **PASS.**

When tested over RP21130 foam the sample meets the flammability performance requirements of the propane flame test in FTP Code (2010) – Annex 1, Part 8. **PASS.**

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