

FLAMMABILITY TEST REPORT

Report No.: LEI18113901A **Date Received:** 22/11/18 **Date Tested:** 28/11/18 **Date Issued:** 28/11/18

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

Contact Name: MANUELA SCHOPPER

Sample Details

Order No.: Not stated
Description: Not stated
Ref/Style No.: Not stated
Colour: Not stated
Quality: Cottage
Supplier: Not stated
End Use: Upholstery
Quoted Fibre Composition: 41% CO, 4% CV, 2% LI, 2% PAN, 51% PES FR
Retailer: Not stated
Buying Division: Not stated
Sample Description: Red and white coloured woven fabric

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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STEVEN OWEN
(Technical & Operational
Excellence Manager)

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ANDREW HALLETT
(Flammability Team Leader)

.....
CAROLE SPOWART
(Flammability
Administrator)

.....
GREGORY JAMES
(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:	Not stated
Fabric Details – Weave/Density/Yarn count/thickness(mm)/mass(g/m ²) Colour & Tone:	Not stated
Fire Retardant Treatment:	Not stated

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/m ³ / 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	< 21 Minutes		< 22 Minutes	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	14	60	15	60
Damage to Base (mm) Length / Width	13	58	15	60
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	20 Seconds		3 Seconds	
Glowing Ceased	-		-	
Smoke Ceased	33 Seconds		18 Seconds	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	75	20	60	18
Damage to Base (mm) Length / Width	13	13	10	12
Result	PASS		PASS	

Conclusions

When tested over a non-flame-retardant filling (RP21130) as suggested in Appendix 3 of the IMO FTP Code 2010 the sample meets the flammability performance requirements of the smouldering cigarette test in IMO FTP Code (2010) – Annex 1, Part 8. **PASS.**

When tested over a non-flame-retardant filling (RP21130) as suggested in Appendix 3 of the IMO FTP Code 2010 the sample meets the flammability performance requirements of the propane flame test in IMO FTP Code (2010) – Annex 1, Part 8. **PASS.**

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