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FLAMMABILITY TEST REPORT

Report No.: LEHTX00788174
Retype

Date Received: 22/12/14

Date Tested: 30/12/14

1st Date Issued: 30/12/14
Retype Issued: 17/04/15

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

Contact Name: MANUELA PETRICEK

Sample Details

Order No.: Not stated
Description: Not stated
Ref/Style No.: Not stated
Colour: Not stated
Quality: Xtreme II
Supplier: Not stated
End Use: Not stated
Quoted Fibre Composition: 100% PES FR
Retailer: Not stated
Sample Description: Beige coloured woven fabric with laminated backing

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
Please note: The fabric was tested over a non-flame-retardant filling (RP21130) as suggested in Appendix 3 of the IMO FTP Code 2010.			

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(Chemical Technologist)


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ANDREW HALLETT
(Flammability Technician)

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CAROLE SPOWART
(Flammability Technician)

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SIMON CHEE
(Operations Manager)

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Test Specification

Test Method: IMO FTP Code (2010) – Annex 1, Part 8
Ignition Source: Ignition source 0: Calibrated Senior Service 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: Calibrated Senior Service 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, 130

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 $23 \pm 2^\circ\text{C}$ and a relative humidity of $50 \pm 5\%$
At Time of Testing: Temperature between 15°C & 25°C . Relative humidity between 20% & 70%

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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 Seconds		< 22 Seconds	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	13	60	13	60
Damage to Base (mm) Length / Width	11	60	12	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	27 Seconds		5 Seconds	
Glowing Ceased	-		-	
Smoke Ceased	35 Seconds		10 Seconds	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	75	32	80	17
Damage to Base (mm) Length / Width	11	12	9	13
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 butane flame test in IMO FTP Code (2010) – Annex 1, Part 8. **PASS.**

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