

FLAMMABILITY TEST REPORT

Report No.: LEHTX00873350 Date Received: 15/03/16 Date Tested: 22/03/16 Date Issued: 22/03/16

Company Name & Address: BUTE FABRICS LTD
4 BARONE ROAD
ROTHESAY
ISLE OF BUTE
PA20 ODP

Contact Name: S MCGROARTY


Sample Details

Order No.: 135850/3101
Description: Woven Fabric
Ref. / Style No.: CF774/00612
Colour: Grey
Quality: STORR
Supplier : Bute
Batch No.: 24617/01
End Use: Upholstery
Quoted Fibre Composition: 97% Pure New Wool, 3% Nylon
Retailer: Not stated
Sample Description: Grey 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

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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(Flammability Team Leader)

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(Flammability Technician)

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SIMON CHEE
(Operations Manager)

Report No.: LEHTX00873350 Page 1 of 3



1516

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FLAMMABILITY TEST REPORT

Additional Information (Annex)

Name and Address of the Sponsor: Not Stated
Name and Address of the
Manufacturer/Supplier (If known): Bute
Type Of Furniture: Not Stated
Fabric Details – Weave/Density/Yarn
count/thickness(mm)/mass(g/m²)Colour &
Tone: Grey
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: 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±2°C and a relative humidity of 50±5%
At Time of Testing: Temperature between 15°C & 25°C. Relative humidity between 20% & 70%

FLAMMABILITY TEST REPORT

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	< 18 Minutes		< 19 Minutes	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	13	62	12	65
Damage to Base (mm) Length / Width	12	62	11	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	0 Seconds		0 Seconds	
Glowing Ceased	-		-	
Smoke Ceased	5 Seconds		6 Seconds	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	75	20	70	19
Damage to Base (mm) Length / Width	12	13	12	10
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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