

Intertek The Warehouse Brewery Lane Leigh WN7 2RJ UK

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FLAMMABILITY TEST REPORT

Report No.: LEI19030042A	Date Received: 01/03/19	Date Tested: 06/03/19	Date Issued: 06/03/19
Company Name & Address:	BUTE FABRICS LTD 4 BARONE ROAD ROTHESAY ISLE OF BUTE PA20 ODP		
Contact Name:	SUZANNE MC GROAF	RTY	
Sample Details			
Order No.:	136044 / 3199		
Description:	Woven Fabric		
Ref. / Style No.:	CF 752		
Colour:	Not stated		
Quality:	Troon		
Supplier:	Bute		
Batch No.:	33178/01		
End Use:	Upholstery		
Quoted Fibre Composition:	92% Pure New Wool / 8	% Nylon	
Retailer	Not stated		
Sample Description:	Brown and blue coloured	l 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

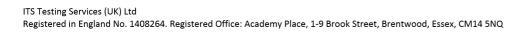
STEVEN OWEN (Technical & Operational Excellence Manager)

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ANDREW HALLETT (Flammability Team Leader) **CAROLE SPOWART** (Flammability Administrator)

..... **GREGORY JAMES** (Flammability Technician)











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Additional Information (Annex) Name and Address of the Sponsor: Name and Address of the	Not stated
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 procedu	<u>ire</u>
None. Tested as received	
Conditioning Driver to Testing:	At least 72 hours in ambient indeer conditions, then at least 16 hours in an
Prior to Testing:	At least 72 hours in ambient indoor conditions, then at least 16 hours in an $\frac{1}{2} \frac{1}{2} \frac{1}{2}$
At Time of Testing:	atmosphere having a temperature of $23\pm2^{\circ}$ C and a relative humidity of $50\pm5\%$ 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	< 19 Mir	nutes	< 20 Minutes	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	10	60	10	62
	10	60	11	60
Damage to Base (mm) Length / Width	10	60	11	00
Damage to Base (mm) Length / Width Result	10 PASS		PAS	
	-			
	-	5		SS
Result	PASS	5	PAS	SS
Result Propane Flame Test	PASS	5	PAS	eat
Result Propane Flame Test Criterion of Ignition	PAS	5	PAS	eat
Result Image: Content of State of St	PASS Initia No	5	PAS Repo	eat
Result Propane Flame Test Criterion of Ignition Smoulders More Than 1 Hour In Final Examination, Presence of Active Smouldering	PASS Initia No No	5	PAS Repo	eat
ResultPropane Flame TestCriterion of IgnitionSmoulders More Than 1 HourIn Final Examination, Presence of Active SmoulderingFlames For Longer Than 120 Seconds	PASS Initia No No	5	PAS Repo	eat
Result Propane Flame Test Criterion of Ignition In Final Examination, Presence of Active Smouldering Flames For Longer Than 120 Seconds Comments	PASS Initia No No No	5	PAS Repo No No No	eat
Result Propane Flame Test Criterion of Ignition In Final Examination, Presence of Active Smouldering Flames For Longer Than 120 Seconds Comments Flaming Ceased In Final Examination	PASS Initia No No No	S II	PAS Repo No No No	eat o o o o o o o o o o o o o
Result Propane Flame Test Propane Flame Test	PASS Initia No No No O Secon	S II	PAS Repo	eat o o o o o o o o o o o o o
Result Image: Constraint of Constraints Propane Flame Test Image: Constraints Criterion of Ignition Image: Constraints Smoulders More Than 1 Hour Image: Constraints In Final Examination, Presence of Active Smouldering Image: Constraints Flames For Longer Than 120 Seconds Image: Constraints Flaming Ceased Image: Constraints Smoke Ceased Image: Constraints	PASS Initia No No No O Secon	S II	PAS Repo	eat o o o o o o o o o o o o o

Conclusions

Result

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.**

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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PASS