

## FLAMMABILITY TEST REPORT

**Report No.:** LEI19011745A  
**Supplementary to:** 19015021A

**Date Received:** 11/01/19 **Date Tested:** 17/01/19

**1<sup>st</sup> Date Issued:** 17/01/19  
**Supplementary Issued:**  
28/01/2019

**Company Name & Address:** BANCROFT SOFT FURNISHINGS  
6 RUSSELL COURT, WOOL GATE  
COTTINGLY BUSINESS PARK  
BINGLEY  
WEST YORKSHIRE  
BD16 1PE

**Contact Name:** NICOLA

### Sample Details

Order No.: 11  
Description: Whittle  
Ref/ Style No.: Not stated  
Colour: Not stated  
Quality: Not stated  
Supplier: Not stated  
Batch No.: Not stated  
End Use: Not stated  
Quoted Fibre Composition: Pure New Wool  
Retailer: Not stated  
Sample Description: Multi 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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#### 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 <sup>2</sup> ) 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 <sup>3</sup> / 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	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering.		The cigarette failed to burn its complete length, there was no flaming or progressive smouldering.	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	-	-	-	-
Damage to Base (mm) Length / Width	-	-	-	-
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	6 Seconds		7 Seconds	
Extent of Damage (Burning and/or Charring)				
Damage to Back (mm) Length / Width	50	13	60	15
Damage to Base (mm) Length / Width	10	10	10	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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