

## FLAMMABILITY TEST REPORT

**Report No.:** LEI19041804A      **Date Received:** 08/04/19      **Date Tested:** 12/04/19      **Date Issued:** 15/04/19

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

**Contact Name:** SUZANNE MC GROARTY

**Sample Details**

Order No.: 3211  
Description: Woven Fabric  
Ref. / Style No.: CF 729  
Colour: Red  
Quality: Melrose  
Supplier: Bute  
Batch No.: Not stated  
End Use: Upholstery  
Quoted Fibre Composition: 93% Pure New Wool / 7% Nylon  
Retailer: Not stated  
Sample Description: Red coloured woven fabric

Test Method	Pre Treatment	Requirement	Result
BS EN 1021-1:2006 (Smouldering Cigarette)	Watersoak as Annex D of BS EN 1021-1:2006	As BS EN 1021-1:2006 (Smouldering Cigarette)	NI (PASS)
BS EN 1021-2:2006 (Match Flame Equivalent)	Watersoak as Annex D of BS EN 1021-1:2006	As BS EN 1021-2:2006 (Match Flame Equivalent)	NI (PASS)
The upholstery composite tested meets the performance requirements for resistance to ignition as detailed in the Low Hazard (Cigarette & Match) category of Table 1 of BS 7176: 2007.			



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(Technical & Operational  
Excellence Manager)

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**ANDREW HALLETT**  
(Flammability Team Leader)

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**CAROLE SPOWART**  
(Flammability  
Administrator)

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

**Test Specification**

Test Method: BS EN 1021-1:2006 (Smouldering Cigarette)  
BS EN 1021-2:2006 (Match Flame Equivalent)

**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, 130

**Pre-treatment / Durability procedure**

Watersoak as Annex D of BS EN 1021-1:2006

**Conditioning**

Prior to Testing: At least 24 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%  
At Time of Testing: Temperature between 10°C. and 30°C. and a relative humidity between 15% and 80%.

**Test Results**

BS EN 1021-1:2006 (Smouldering Cigarette). Test 1:	The cigarette burnt out within 21 minutes, there was no flaming or progressive smouldering. <b>(Pass)</b>
BS EN 1021-1:2006 (Smouldering Cigarette). Test 2:	The cigarette burnt out within 22 minutes, there was no flaming or progressive smouldering. <b>(Pass)</b>
BS EN 1021-2:2006 (Match Flame Equivalent). Test 1:	Flaming ceased with the removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
BS EN 1021-2:2006 (Match Flame Equivalent). Test 2:	Flaming ceased with the removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
BS EN 1021-2:2006 (Match Flame Equivalent). Test 3:	Flaming ceased with the removal of the burner, there was no progressive smouldering. <b>(Pass)</b>
<i>"The above test results relate only to the ignitability of the combinations of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use."</i>	

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