

## FLAMMABILITY TEST REPORT

**Report No.:** LEI18080440A      **Date Received:** 01/08/18      **Date Tested:** 07/08/18      **Date Issued:** 08/08/18

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

**Contact Name:** S MCGROARTY

**Sample Details**

Order No.: 136014 / 3173  
Description: Woven Fabric  
Ref. / Style No.: CF667 / 2828  
Colour: Taupe  
Quality: Elgin  
Supplier: Bute  
Batch No.: 24514/5  
End Use: Upholstery  
Quoted Fibre Composition: 92% Pure New Wool / 8% Nylon  
Retailer: Not stated  
Sample Description: Brown 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)
BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5	Watersoak as Annex E of BS 5852:2006	As BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5	NI (PASS)
The upholstery composite tested meets the performance requirements for resistance to ignition as detailed in the Medium Hazard (Cigarette, Match & Crib 5) category of Table 1 of BS 7176: 2007+A1:2011			

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**STEVEN OWEN**  
(Technical & Operational  
Excellence Manager)

  
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**ANDREW HALLETT**  
(Flammability Team Leader)

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**CAROLE SPOWART**  
(Flammability  
Administrator)

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**GREGORY JAMES**  
(Flammability Technician)

## FLAMMABILITY TEST REPORT

### 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 / RX36110 Combustion Modified  
Size: 450 x 450 x 75mm (back) & 450 x 300 x 75mm (seat)  
Density / Hardness: 34-36 kg/m<sup>3</sup> / 105-115N

### 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 failed to burn its complete length, there was no flaming or progressive smouldering. <b>(Pass)</b>
BS EN 1021-1:2006 (Smouldering Cigarette). Test 2:	The cigarette failed to burn its complete length, 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>	