

FLAMMABILITY TEST REPORT

Report No.: LEI18080442A **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 / 3174
Description: Woven Fabric
Ref. / Style No.: CF 752 / 2121
Colour: Pink / Brown
Quality: Troon
Supplier: Bute
Batch No.: 30568/01
End Use: Upholstery
Quoted Fibre Composition: 92% Pure New Wool / 8% Nylon
Retailer: Not stated
Sample Description: Pink and 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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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/m³ / 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. (Pass)
BS EN 1021-1:2006 (Smouldering Cigarette). Test 2:	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering. (Pass)
BS EN 1021-2:2006 (Match Flame Equivalent).Test 1:	Flaming ceased with the removal of the burner, there was no progressive smouldering. (Pass)
BS EN 1021-2:2006 (Match Flame Equivalent).Test 2:	Flaming ceased with the removal of the burner, there was no progressive smouldering. (Pass)
BS EN 1021-2:2006 (Match Flame Equivalent).Test 3:	Flaming ceased with the removal of the burner, there was no progressive smouldering. (Pass)
<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>	