

FLAMMABILITY TEST REPORT

Report No.: LEHTX00693930 Date Received: 10/07/13 Date Tested: 16/07/13 Issue Date: 16/07/13

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

Contact Name: CATHERINE MURRAY

Sample Details

Order No.: 3001 / 135466
Description: Tartan Woven Fabric
Ref/Style No.: T809 / 1212
Colour: Rust
Quality: Stuart Of Bute
Supplier: Bute Fabrics Ltd
Batch No.: Not stated
End Use: Upholstery
Quoted Fibre Composition: 100% Pure New Wool (Finish includes Stain Resist)
Retailer: Not stated
Sample Description: Rust coloured woven tartan fabric

Test Method	Pre Treatment	Requirement	Result
BS 5852: Part 1: 1979, Ignition source 0 (Cigarette)	None	Compliance with Schedule 4 Part 1 (The cigarette test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	Complies
<p>Note: Fabric was submitted for test rather than the upholstery composite so as suggested by The Guide to the Furniture Regulations the cover fabric was tested for cigarette resistance using standard polyurethane foam (non-modified) as this will give the furniture manufacturer a good indication of its likelihood to pass the cigarette test for the finished article.</p>			
BS 5852: Part 1: 1979, Ignition source 1 (Match)	None	Compliance with Schedule 5 Part 1 (The match test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	Complies

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(Chemical Technologist)


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SIMON CHEE
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Test Specification

Test method: BS 5852: Part 1: 1979 as modified by Schedule 4 Part 1 & Schedule 5 Part 1 of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).

Criterion of ignition: Ignition source 0: Calibrated Senior Service cigarette
Ignition source 1: Butane Gas flowing at 45ml/min @ 25°C.

Flame application time: 20±1 seconds

Side tested: Face

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/m³ / Type B, 130

Pre-treatment / Durability procedure

None

Conditioning

Prior to testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%

At time of testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 70%

Test Results

"The following 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."

Ignition source 0 (Test 1):	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering. (Pass)
Ignition source 0 (Test 2):	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering. (Pass)
Ignition source 1 (Test 1):	Flaming ceased with the removal of the burner, there was no progressive smouldering. (Pass)
Ignition source 1 (Test 2):	Flaming ceased with the removal of the burner, there was no progressive smouldering. (Pass)

Conclusions

The composite tested meets the requirements of Schedule 4 Part 1 of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

The fabric tested meets the requirements of Schedule 5 Part 1 of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

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