

TEST REPORT

Report Ref: LEI19035102	
Date Received: 27.03.2019	Date Issued: 15.04.2019

Company Name & Address	Bute Fabrics Ltd 4 Barone Road Rothesay Isle of Bute PA20 0DP
Contact Name:	M A Speirs

Order No.:	3206
Description:	Woven Fabric
Colour(s):	Light Blue
Supplier:	Bute
Quality:	Alchemy
Quoted Composition:	61% Merino Wool 33% Pure New Wool 6% Nylon
Retailer:	None Given
Batch No:	None Given
Ref/ Style No.:	CF1012
Number of Samples:	1

Requested Test: - Flammability Test (California Technical Bulletin 117-2013 Section 1: Cover Fabric Test): P

Remark: P = Passes Applicants Requirement
F = Fails Applicants Requirement
NR = No Requirement

Note: The testing was conducted by an accredited 3rd party laboratory

L Thompson
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(Co-Ordinator)





Flammability Test (California Technical Bulletin 117-2013 Section 1: Cover Fabric Test):

TEST METHOD

The apparatus and method of testing were those described in California Technical Bulletin 117-2013, Section 1, for measuring the tendency of upholstery cover fabrics to smoulder and contribute to fire propagation, when subjected to a smouldering ignition source.

PASS/FAIL CRITERIA

A cover fabric material is considered pass or fail based on following criteria:

1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
 - a) The mock-up test specimen continues to smoulder after the 45 minutes test duration.
 - b) A vertical char length (measured as specified in step 11.9 of ASTM E1353-08a ^{e1}) of more than 1.8 inches (45 mm) develops on the cover fabric.
 - c) The mock-up test specimen transitions to open flaming.
2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smouldering.
3. If more than one initial specimen fails, the cover fabric fails the test.
4. If any one of the three initial specimens fail, repeat the test on additional three specimens.
5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test.

TEST RESULT

Initial Test				
	Vertical Char length (Inches)	Mock-up specimen continues to smoulder After 45 Minutes	Mock-up test specimen transitions to open flaming	Test Result
Specimen 1	0.7	No	No	Pass
Specimen 2	0.7	No	No	Pass
Specimen 3	0.8	No	No	Pass

Conditioning: At least 24 hours in an atmosphere having a temperature of $21^{\circ} \pm 3^{\circ} \text{C}$ ($70^{\circ} \pm 5^{\circ} \text{F}$) and less than 55% relative humidity

Remark: No = Was not observed

Conclusion:

Based upon the results of the flammability test reported, the sample submitted for testing passes in California Bulletin 117-2013 Section 1 for Testing of Cover Fabric Used In Upholstered Furniture.





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