

## FLAMMABILITY TEST REPORT

Report No.: LEHTX00539010

Date Received: 02/07/10

Date Tested: 08/07/10

Date Issued: 09/07/10

**Company Name & Address:** BUTE FABRICS LTD  
4 BARONE ROAD  
ROTHESAY  
ISLE OF BUTE  
PA20 0DP

**Contact Name:** C H MURRAY

### Sample Details

Order No.: Not stated  
Customers description: Not stated  
Ref/Style No.: CF 785  
Batch No.: 22342/01  
Quality: 3034  
Colour(s): Not stated  
Supplier: Not stated  
Retailer: Not stated  
Quoted fibre composition: 85% PNW / 15% Nylon  
End use: Upholstery  
Sample description: Green / black coloured woven fabric

Test Method	Pre Treatment	Requirement	Result
BS EN 1021-1:2006 (Smouldering Cigarette)	None (At customer's request)	As BS EN 1021-1:2006 (Smouldering Cigarette)	NI (PASS)
BS EN 1021-2:2006 (Match Flame Equivalent)	None (At customer's request)	As BS EN 1021-1:2006 (Match Flame Equivalent)	NI (PASS)
BS 5852:2006 Clause 11 (upholstery composite) Ignition source 5	None (At customer's request)	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.

**Note:** The customer requested that CMIJR foam with an approximate density 35 kg/m<sup>3</sup> be used as the filling material



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**BS EN 14465 : 2003****Upholstery Fabrics test methods***[With reference to BS 2543 : 2004 – Upholstery Fabrics end use classification]*

LAB REF NO : LEHTX00539008 / 10

DATE RECEIVED : 2<sup>ND</sup> JULY 2010  
DATE ISSUED : 7<sup>TH</sup> JULY 2010CUSTOMER : BUTE FABRICS LTD  
: 4 BARONE ROAD  
: ROTHESAY  
: ISLE OF BUTE  
: PA20 0DP

CONTACT : C H MURRAY

FABRIC QUALITY NO : 3034  
QUOTED COMPOSITION : 85% PNW / 15% NYLON  
FABRIC DESCRIPTION : WOVEN  
COLOUR/ DESIGN : GREEN/BROWN  
STYLE NO : CF 785  
END USE : UPHOLSTERY  
REFERENCE NO : CF 785  
BATCH NO : 22342/01

TOTAL REPORT PAGES : 3

CONDITIONS @ TIME OF TESTING : 63-67% RH 18-22° c TEMPERATURE

COMMENTS :

We were asked to carry out the following tests on the above fabric to BS EN 14465 standards.

The results are listed in this report.

The flammability result will be forwarded once the test is complete under report no: 539010

**NOTE TO CUSTOMER:**

Fabric classifications from BS 2543:2004 are added for your information.

KEY TO BS 2543:2004 CLASSIFICATION	
LD	LIGHT DOMESTIC
GD	GENERAL DOMESTIC
HD	HEAVY DOMESTIC
GC	GENERAL CONTRACT
SC	SEVERE CONTRACT



## PHYSICAL TESTS

BS EN ISO 12947 -1/-2 : 1999 & BSEN 14465 Annex. A.  
MARTINDALE ABRASION : 12 kPa LOAD

PERFORMANCE LEVELS:

	Fabric type	A	B	C
Rubs (x1000)	FLAT WOVEN	≥35	12-30	4-10

RESULTS:

CHANGE IN COLOUR, AS PER EN (20)105 – A02

Cycles	Grade
3,000	4/5

END POINT:-

SPECIMEN	FABRIC TYPE	INSPECTION INTERVAL	RESULT AT INSPECTION INTERVAL	Performance Level
2 3 4	FLAT WOVEN	EVERY 2,000 REVS UPTO 75,000 REVS	HEADS 2,3+4 NO FABRIC BREAKDOWN @ 35,000 REVS NO FABRIC BREAKDOWN @ 73,000 REVS FABRIC BREAKDOWN @ 75,000 REVS	A
Overall Result			A	
Overall Performance Level			A	

THE MARTINDALE ABRASION TEST WAS CARRIED OUT TO DESTRUCTION AT THE CUSTOMERS REQUEST.

<b>BS 2543:2004 CLASSIFICATION – Minimum levels for customer reference</b>					
	<b>LD</b>	<b>GD</b>	<b>HD</b>	<b>GC</b>	<b>SC</b>
<b>FLAT WOVEN</b>	B 15 000	B 20 000	B 25 000	B 30 000	A 40 000
<b>FIGURED WEAVES</b>	B 12 000	B 15 000	B 20 000	B 30 000	A 40 000
<b>CUT AND UNCUT WOVEN PILE, FLOCKED AND NON-WOVEN PILE</b>	C 15 000	C 20 000	B 25 000	B 25 000	B 30 000
<b>KNITTED</b>	B 15 000	B 20 000	B 25 000	B 25 000	B 30 000



HEATHER FLETCHER  
*(Team Leader)*

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*(Co-Ordinator)*

