

Test Report No.:	2207322-003	
Date Test Report	26-ott-22	Customer Code 05485
Acceptance:	2207322	Dear:
Arrival date sample	20-ott-22	MARIO SIRTORI SPA
Start date test	20-ott-22	via Papa Giovanni XXIII 10
End date test	26-ott-22	23845 COSTA MASNAGA (LC) Italia
References:		C.a. sig. Sergio Sala Crist
		Phone: +39 031 879632
Sampling Mode:	Sampling by Customer *	
[C] Item:	BALMORAL GRS	
[C] Declared Composition:	41% RPL - 19% PL - 18% WV - 15% RCO - 6% CO - 1% RAF	
[C] End use:	furnishing	
[C] Typology:	fabric	
Return:	no requested	

Test Results

Test	Method	U.M.	Result
15066 UPHOLSTERY FURNITURE	BS 5852-1:1979		.
COMPONENTS: ASSESSMENT OF THE IGNITABILITY BY SMOULDERING CIGARETTE			
Start date test	21/10/2022		
End date test	24/10/2022		
Instrument:	Small Test Rig and burner		
Test carried out on			COVER FABRIC
Pretreatment carried out			none
Ignition source			source 0 (SMOULDERING CIGARETTE)
Materials of test assembly			.
Upholstery filling:	NON fire retardant polyurethane foam with a density of 21 kg/m³		
Inner cover:	-		
Outer cover:	SEE ARTICLE DESCRIPTION		
TEST RESULT			SAMPLE PASSES THE TEST
Note:	to assess the ignitability of this sample, the test has been carried out using a NON fire-retardant polyurethane foam with a density of 21 kg/m³ as filling of the upholstered seating.		
The test result could be different using another type of filling material.			
Deviations from the method			none
Annex n.			1F
Details of the test results related to each specimen can be seen in the annex of this test report.			

(*) = The tests marked in this way are not accredited by Accredia

The Results contained in this Report refer only to the Sample as received and do not imply an approval of the tested product by the Laboratory of the Centro Tessile Serico Sostenibile Srl. Unless otherwise specified, the side examined / straight of use is indicated by the Customer: this information can influence the results of the tests and therefore the Test Laboratory declines all responsibility.

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LAB N° 0045 L

Test Report No.: **2207322-003**

Test	Method	U.M.	Result
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The Laboratory Manager

Fausto Albonico

END OF REPORT

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Annex n. 1F to test report n. 2207322-003

DETAILS OF TEST RESULTS

Test executed according to BS 5852-Part1:1979

Fire test for furniture - Part 1. Methods of test for the ignitability by smokers' materials of upholstered composites for seating - Ignition source: SMOULDERING CIGARETTE

Ref. Schedule 4, Part 1 'The Cigarette Test' of Furniture and Furnishing (Fire) (Safety) Regulations 1988 S.I. 1324 and next amendments

Sample description: **BALMORAL GRS**

Declared composition: **41% RPL - 19% PL - 18% WV - 15% RCO - 6% CO - 1% RAF**

Conditioning of test specimen and ignition source: **16 hours at 20 ± 5 °C, 50 ± 20 % r.h.**

Testing temperature and r.h.: **18°C, 68% r.h.**

Filling specification: **NON fire-retardant polyurethane foam with a density of 21 kg/m³**

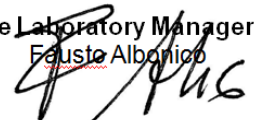
Sample pre-treatment: **sample wasn't subjected to any pretreatment**

Date of test: **24.10.2022**

Specimen number	1	2
Time of flaming from placement of the source (min)	0	0
Time of progressive smouldering from placement of the source (min)	23	21
Sample melting (YES/NO)	NO	NO
Sample dripping (YES/NO)	NO	NO
Sample charring (YES/NO)	YES	YES
Progressive smouldering observed after the final examination (YES/NO)	NO	NO
CIGARETTE TEST RESULT (PASS/FAIL)	PASS	PASS

The following test result relate only to the ignitability of the combination of materials under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the material in use.

The probability that the criteria represent the truth observation is equal to 95%.

The Laboratory Manager
Fausto Albano


Test Report No.:	2207322-004	
Date Test Report	26-ott-22	Customer Code 05485
Acceptance:	2207322	Dear:
Arrival date sample	20-ott-22	MARIO SIRTORI SPA
Start date test	20-ott-22	via Papa Giovanni XXIII 10
End date test	26-ott-22	23845 COSTA MASNAGA (LC) Italia
References:		C.a. sig. Sergio Sala Crist
		Phone: +39 031 879632
Sampling Mode:	Sampling by Customer *	
[C] Item:	BALMORAL GRS	
[C] Declared Composition:	41% RPL - 19% PL - 18% WV - 15% RCO - 6% CO - 1% RAF	
[C] End use:	furnishing	
[C] Typology:	fabric	
Return:	no requested	

Test Results

Test	Method	U.M.	Result
15076 UPHOLSTERY FURNITURE: ASSESSMENT OF THE IGNITABILITY BY MATCH FLAME	BS 5852-1:1979		.
Start date test	21/10/2022		
End date test	24/10/2022		
Instrument:	Small Test Rig and burner		
Test carried out on			COVER FABRIC
Pretreatment carried out			none
Ignition source			source 1 (MATCH FLAME EQUIVALENT)
Materials of test assembly			.
Upholstery filling:	NON fire retardant polyurethane foam with a density of 28 kg/m ³		
Inner cover:	-		
Outer cover:	SEE ARTICLE DESCRIPTION		
TEST RESULT			SAMPLE PASSES THE TEST
Deviations from the method			none
Annex n.			1F
Details of the test results related to each specimen can be seen in the annex of this test report.			

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LAB N° 0045 L

Test Report No.: **2207322-004**

Test	Method	U.M.	Result
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The Laboratory Manager

Fausto Albonico

END OF REPORT

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LAB N° 0045 L

Annex n. 2F to test report n. 2207322-004

DETAILS OF TEST RESULTS

Test executed according to BS 5852-Part1:1979

Fire test for furniture - Methods of test for the ignitability by smokers' materials of upholstered composites for seating - Ignition source 1: BUTANE FLAME

Ref. Schedule 5, Part 1 'The Match Test' of Furniture and Furnishing (Fire) (Safety) Regulations 1988 S.I. 1324

Sample description: **BALMORAL GRS**

Declared composition: **41% RPL - 19% PL - 18% WV - 15% RCO - 6% CO - 1% RAF**

Conditioning of test specimen: **16 hours at 20 ± 5 °C, 50 ± 20 % r.h.**

Testing temperature and r.h.: **18°C, 66% r.h.**

Filling specification: **non fire-retardant polyurethane foam with a density of 21 kg/m³**

Sample pre-treatment: **sample wasn't subjected to any pretreatment**

Date of test: **24.10.2022**

Specimen number	1	2
Time of flaming from removal of the source (s)	0	0
Time of progressive smouldering from removal of the source (s)	10	10
Sample melting (YES/NO)	NO	NO
Sample dripping (YES/NO)	NO	NO
Sample charring (YES/NO)	YES	YES
Progressive smouldering observed after the final examination (YES/NO)	NO	NO
MATCH TEST RESULT (PASS/FAIL)	PASS	PASS

The following test result relate only to the ignitability of the combination of materials under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the material in use.

The probability that the criteria represent the truth observation is equal to 95%.

The Laboratory Manager
Fausto Albano