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LAB N° 0045 L

Test Report No.:	2107292-005	
Date Test Report	25-ott-21	Customer Code 00137
Acceptance:	2107292	Dear:
Arrival date sample	20-ott-21	LIMONTA SPA
Start date test	20-ott-21	via Cesare Battisti 15
End date test	22-ott-21	23845 COSTA MASNAGA (LC) Italia
References:		C.a. sig.ra Rita Molteni
		Phone: +39 031 857393
Sampling Mode:	Sampling by Customer *	
[C] Item: CLUSONE [C] Declared Composition: 32% Viscose - 25% Acrylic - 15% Flax - 15% Polyester - 13% Cotton [C] End use: Furnishing [C] Typology: Fabric Return: No requested		

Test Results

Test	Method	U.M.	Result
15066 UPHOLSTERY FURNITURE COMPONENTS: ASSESSMENT OF THE IGNITABILITY BY SMOULDERING CIGARETTE	TB 117:2013		.
Instrument: Mini Mock Up Tester			
Test carried out on			cover fabric
Ignition source			SMOULDERING CIGARETTE
Materials of test assembly			.
Upholstery filling: NON fire retardant polyurethane foam with a density of 28 kg/m³			
Inner cover: -			
Outer cover: SEE ARTICLE DESCRIPTION			
TEST RESULT			FAIL
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.			
15066 UPHOLSTERY FURNITURE COMPONENTS: ASSESSMENT OF THE IGNITABILITY BY SMOULDERING CIGARETTE	BS 5852-1:1979		.
Instrument: Small Test Rig and burner			
Test carried out on			cover fabric
Pretreatment carried out			none
Ignition source			source 0 (SMOULDERING CIGARETTE)

(*) = 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.: **2107292-005**

Test	Method	U.M.	Result
Materials of test assembly			
Upholstery filling: NON fire retardant polyurethane foam with a density of 21 kg/m ³			
Inner cover: -			
Outer cover: SEE ARTICLE DESCRIPTION			
TEST RESULT			SAMPLE PASSES THE TEST: PASS
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/m ³ 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.			2F
Details of the test results related to each specimen can be seen in the annex of this test report.			

The Laboratory Manager
Fausto Albonico

END OF REPORT

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Annex n. 2F to test report n. 2107292-005

DETAILS OF TEST RESULTS

Test executed according to BS 5852:Part1:1979 (Ref. Schedule 4, Part 1 'The Cigarette Test' of Furniture and Furnishing (Fire) (Safety) Regulations 1988 S.I. 1324 and next amendments):

Fire test for furniture

Part 1. Methods of test for the ignitability by smokers' materials of upholstered composites for seating

Ignition source: SMOULDERING CIGARETTE

Sample description: **CLUSONE**

Declared composition: **32% Viscose - 25% Acrylic - 15% Flax - 15% Polyester - 13% Cotton**

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

Testing temperature and r.h.: **18°C, 57% 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: **22/10/2021**

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)	25	23
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 expanded uncertainty is calculated by multiplying the combined standard uncertainty for a coverage factor k = 2, which for a normal distribution leads to a confidence level of approximately 95%.

The Laboratory Manager
Fausto Albonico