

Test Report No.:	2406258-001	
Date Test Report	05-nov-24	Customer Code 00137
Acceptance:	2406258	Dear:
Arrival date sample	29-ott-24	LIMONTA SPA
Start date test	29-ott-24	via Cesare Battisti 15
End date test	05-nov-24	23845 COSTA MASNAGA (LC) Italia
References:		C.a. sig.ra Daniela Marucci
		Phone: +39 031 857471
Sampling Mode:	Sampling by Customer *	
[C] Item:	ESPEN	
[C] Declared Composition:	100% Trevira CS	
[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	UNI EN 1021-1:2014		.
Start date test	31/10/2024		
End date test	04/11/2024		
Instrument:	Small Test Rig and burner		
Test carried out on			COVER FABRIC
Pretreatment carried out			none
Conditioning of sample			24 h at 23 ± 2 °C, 50 ± 5 % r.h.
Testing temperature and r.h.			17°C, 62% r.h.
Ignition source			source 0 (SMOULDERING CIGARETTE)
TEST RESULT			SAMPLE PASSES THE TEST: NON IGNITION
Note: to assess the ignitability of this sample, the test has been carried out using a FIRE-retardant polyurethane foam with a density of 35 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 to the objects tested 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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Test Report No.: **2406258-001**

Test	Method	U.M.	Result
15076 UPHOLSTERY FURNITURE: ASSESSMENT OF THE IGNITABILITY BY MATCH FLAME			
UNI EN 1021-2:2014			.
Start date test	31/10/2024		
End date test	04/11/2024		
Instrument: Small Test Rig and burner			
Test carried out on			COVER FABRIC
Pretreatment carried out			none
Conditioning of sample			24 h at 23 ± 2 °C, 50 ± 5 % r.h.
Testing temperature and r.h.			17°C, 62% r.h.
Ignition source			source 1 (MATCH FLAME EQUIVALENT)
TEST RESULT			SAMPLE PASSES THE TEST: NON IGNITION
Note: to assess the ignitability of this sample, the test has been carried out using a FIRE-retardant polyurethane foam with a density of 35 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.			2F
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			
TB 117:2013			.
Start date test	31/10/2024		
End date test	04/11/2024		
Instrument: Mini Mock Up Tester			
Test carried out on			COVER FABRIC
Pretreatment carried out			none
Conditioning of sample			24 h a 21 ± 3 °C, <55% r.h.
Testing temperature and r.h.			17°C, 62% r.h.
Ignition source			NON filtered standard cigarette SRM 1196
TEST RESULT			PASS
Deviations from the method			none
Annex n.			3F
Details of the test results related to each specimen can be seen in the annex of this test report.			

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Test Report No.: **2406258-001**

Test	Method	U.M.	Result
15336 UPHOLSTERY FORNITURE: ASSESSMENT OF THE IGNIBILITY BY FLAMING IGNITION SOURCE - CRIB 5	BS 5852:2006		.
Start date test	31/10/2024		
End date test	04/11/2024		
Instrument: Test rig			
Test carried out on			COVER FABRIC
Pretreatment carried out			none
Conditioning of sample			24h 23°C ± 2°C; 50% ± 5% r.h.
Testing temperature and r.h.			17°C, 62% r.h.
Ignition source			source 5 (CRIB 5)
TEST RESULT			SAMPLE PASSES THE TEST
Note: to assess the ignitability of this sample, the test has been carried out using a FIRE-retardant polyurethane foam with a density of 40 kg/m³ as filling of the upholstered seating. The test result could be different using another type of filling material.			
Deviations from the method			.
Because of the fabric lack, the test was carried out on n. 1 specimens instead of n.2 as previewed by the standard method; this deviation could affect the test result and therefore the Test Laboratory declines all responsibility.			
Annex n.			4F
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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LAB N° 0045 L

Allegato n. 4F al rapporto di prova n. / Annex n. 4F to test report n. 2406258-001

DETTAGLIO DEI RISULTATI DI PROVA DETAILS OF TEST RESULTS

Prova eseguita in conformità a BS 5852:2006 – Paragrafo 11

Valutazione dell'inflammabilità di mobili imbottiti mediante diverse sorgenti di ignizione

Test carried out according to BS 5852:2006 – Clause 11

Method of test for assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources

Dettagli di prova / Test Details

Imbottitura / Upholstery filling	Schiuma poliuretanica IGNIFUGA con densità di 40 kg/m ³ <i>Fire-retardant polyurethane foam with a density of 40 kg/m³</i>
Rivestimento esterno / Outer cover	vedasi descrizione articolo / <i>see article description</i>
Pretrattamento del campione Sample pretreatment:	il campione NON è stato sottoposto ad alcun pretrattamento, come richiesto dal cliente <i>sample wasn't subjected to any pretreatment, as required by customer</i>

Sorgente 5: CRIB 5 <i>ignition source type 5: CRIB 5</i>		1° test	2° test	Requisito Requirements
Durata combustione sorgente - <i>Duration of ignition source (min)</i> <i>Durata combustione sorgente</i>		3'48"	-	
Durata combustione con fiamma <i>Time of flames (min)</i>		5'49"	-	<10 min
Durata combustione senza fiamma / <i>Duration of smoke (min)</i>		7'01"	-	< 60 min
Combustione pericolosa con o senza fiamma <i>Escalating smouldering/flaming combustion behaviour</i>		NO	-	None <i>Non presente</i>
Caduta di detriti infiammati / <i>Flaming debris</i>		NO	-	None / <i>Non presente</i>
Assemblaggio di prova esaurito / <i>Test assembly consumed</i>		NO	-	None / <i>Non presente</i>
Combustione progressiva osservata dopo l'esame finale <i>Progressive smouldering observed after the final examination</i>		NO	-	None <i>Non presente</i>
danneggiamento seduta (mm) <i>extent of damage of horizontal component (mm)</i>	* Larghezza - <i>Width</i>	93	-	<100 mm
	* Lunghezza - <i>Length</i>	56	-	<100 mm
	Profondità - <i>Depth</i>	66	-	<75 mm
danneggiamento schienale (mm) <i>extent of damage of vertical component (mm)</i>	* Larghezza - <i>Width</i>	44	-	<100 mm
	Profondità - <i>Depth</i>	53	-	<75 mm
TEST RESULT		NON IGNITION	-	NON IGNITION

* Escluse le dimensioni della sorgente / *From the nearest part of the original position of the source*

IL CAMPIONE E' CLASSIFICATO / THE SAMPLE IS CLASSIFIED:

N.I. (Non Ignition) – Sorgente 5/source 5 - BS 5852:2006, Clause 11, NI/5

I risultati di prova di cui sopra riguardano esclusivamente l'accendibilità della combinazione di materiali nelle particolari condizioni di prova; essi non sono destinati a essere utilizzati come mezzo di valutazione della pericolosità d'incendio potenziale globale dei materiali nella destinazione d'uso.

La probabilità che i criteri di osservazione indicati corrispondano al vero è pari al 95%

The above test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of test; they are not intended as a mean of assessing the full potential fire hazard of the materials or products

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

Il Responsabile Laboratorio
The Laboratory Manager

Fausto Albonico