

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

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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 FURNITURE: 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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Allegato n. 3F al rapporto di prova / Annex n. 3F to test report n. 2406258-001

DETTAGLIO DEI RISULTATI DI PROVA
DETAILS OF TEST RESULTS

Prova eseguita in conformità a TB 117:2013 – Sezione 1

Requisiti, metodo e apparecchi per il test di reazione alla combustione senza fiamma dei materiali usati nei mobili imbottiti

Test carried out according to TB 117:2013 – Section 1

Requirements, Test procedure and Apparatus for testing the Smoulder Resistance of Materials used in Upholstered Furniture

Dettagli di prova / Test Details

Imbottitura prevista dal metodo TB 117 <i>Upholstery filling specification according to TB 117</i>	Schiuma poliuretana NON IGNIFUGA con densità di 28,0-29,6 kg/m ³ <i>Non fire-retardant polyurethane foam with a density of 28,0-29,6 kg/m³</i>
Pretrattamento del campione/ Sample pretreatment:	Pretrattamento non previsto dal metodo <i>Pretreatment not required by method</i>
Sorgente prevista dal metodo TB 117 <i>Source according to TB 117</i>	Sigaretta standard senza filtro SRM 1196 <i>NON filtered cigarette SRM 1196</i>

Sezione 1: TEST per TESSUTI DI RIVESTIMENTO / Section 1: COVER FABRIC TEST

Provetta n. / Specimen nr.	1	2	3	Requisito Requirements
Totale combustione della sigaretta (SI/NO) <i>Total combustion of the cigarette (YES / NO)</i>	SI/YES	SI/YES	SI/YES	-
Durata di combustione senza fiamma dall'applicazione della sorgente (min) <i>Time of progressive smouldering from placement of the source (min)</i>	36	38	35	<45 min
Dimensione del danneggiamento (mm) / <i>Size of the damage (mm)</i>	14	14	16	<45 mm
Presenza di combustione CON fiamma (SI/NO) <i>Mock-up test specimen transitions to open flaming (YES / NO)</i>	NO	NO	NO	Non presente / None
Risultato / Result	PASS	PASS	PASS	PASS

I tessuti di rivestimento che non superano il test descritto nella Section 1 possono essere utilizzati nei mobili imbottiti se si utilizza un materiale di barriera (Interliner) che supera il test descritto nella Section 2. Quando è richiesto l'utilizzo di un interliner, il materiale deve coprire tutti i lati e la parte superiore del/i cuscino/i di seduta. Eccezioni: i cuscini di seduta non ribaltabili e non staccabili non richiedono l'uso di materiale di barriera sul lato inferiore.

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 la conformità attribuita corrisponda al vero è pari al 95%.

Upholstery cover fabrics that fail the cover fabric test described in Section 1 can be used in upholstered furniture if a barrier (interliner) material that passes the test method described in Section 2 is used. When a barrier is required, the barrier material must cover all sides and top of the seating cushion(s). Exceptions: Non-reversible and non-detachable seating cushions do not require the use of the barrier material on the underside of the seating cushion.

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%.

Il Responsabile Laboratorio
The Laboratory Manager
Fausto Albonico

I Risultati contenuti nel presente Allegato si riferiscono esclusivamente al campione così come ricevuto e agli oggetti provati e non implicano una approvazione del prodotto testato da parte del Laboratorio del Centro Tessile Serico Sostenibile Srl. Il presente Rapporto **non può essere riprodotto parzialmente**, salvo preventiva autorizzazione scritta del Laboratorio Centro Tessile Serico Sostenibile Srl / *The Results contained in this Annex 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. This Report may not be reproduced in part, unless written permission of Centro Tessile Serico Sostenibile Srl Laboratory.*