

Test Report No.:	<b>2500147-001</b>	
Date Test Report	<b>20-gen-25</b>	Customer Code 00137
Acceptance:	<b>2500147</b>	Dear:
Arrival date sample	<b>14-gen-25</b>	<b>LIMONTA SPA</b>
Start date test	<b>14-gen-25</b>	via Cesare Battisti 15
End date test	<b>20-gen-25</b>	23845 COSTA MASNAGA (LC) Italia
References:		C.a. sig.ra Daniela Marucci
		Phone: +39 031 857471
Sampling Mode:	Sampling by Customer *	
[C] Item:	<b>ANTON</b>	
[C] Declared Composition:	<b>100% Polyester</b>	
[C] End use:	<b>furnishing</b>	
[C] Typology:	<b>fabric</b>	
[C] Note:	<b>fire retardant polyester</b>	
Return:	<b>no requested</b>	

### Test Results

Test	Method	U.M.	Result
<b>15066 UPHOLSTERY FURNITURE</b>	<b>UNI EN 1021-1:2014</b>		.
<b>COMPONENTS: ASSESSMENT OF THE</b>			
<b>IGNITABILITY BY SMOULDERING CIGARETTE</b>			
<b>Start date test</b>	17/01/2025		
<b>End date test</b>	20/01/2025		
<b>Instrument:</b>	Small Test Rig and burner		
Test carried out on			Cover fabric
Pretreatment carried out			None
Conditioning of sample			23 ± 2 °C, 50 ± 5 % r.h
Testing temperature and r.h.			17°C - 61% r.h.
Ignition source			source 0 (SMOULDERING CIGARETTE)
TEST RESULT			SAMPLE PASSES THE TEST: NON IGNITION
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.: **2500147-001**

Test	Method	U.M.	Result
<b>15076 UPHOLSTERY FURNITURE: ASSESSMENT OF THE IGNITABILITY BY MATCH FLAME</b>			
<b>Method</b>		<b>UNI EN 1021-2:2014</b>	
<b>Start date test</b>	17/01/2025		
<b>End date test</b>	20/01/2025		
<b>Instrument:</b> Small Test Rig and burner			
Test carried out on			Cover fabric
Pretreatment carried out			None
Conditioning of sample			23 ± 2 °C, 50 ± 5 % r.h.
Testing temperature and r.h.			17°C - 61% r.h.
Ignition source			source 1 (MATCH FLAME EQUIVALENT)
<b>TEST RESULT</b>		<b>SAMPLE PASSES THE TEST: NON IGNITION</b>	
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.			
<b>15066 UPHOLSTERY FURNITURE COMPONENTS: ASSESSMENT OF THE IGNITABILITY BY SMOULDERING CIGARETTE</b>			
<b>Method</b>		<b>TB 117:2013</b>	
<b>Start date test</b>	17/01/2025		
<b>End date test</b>	20/01/2025		
<b>Instrument:</b> Mini Mock Up Tester			
Test carried out on			Cover fabric
Pretreatment carried out			None
Conditioning of sample			21 ± 3 °C, <55% r.h.
Testing temperature and r.h.			17°C - 61% r.h.
Ignition source			NON filtered standard cigarette SRM 1196
<b>TEST RESULT</b>		<b>PASS</b>	
Deviations from the method			None
Annex n.			3F
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Test Report No.: **2500147-001**

Test	Method	U.M.	Result
* <b>15196 PREPARATION OF MATERIALS FOR BURNING BEHAVIOUR TESTS: BRUSHING IN DETERGENT SOLUTION</b>	<b>UNI 9176: 1998 - Metodo D</b>		.
<b>Start date test</b>	16/01/2025		
<b>End date test</b>	17/01/2025		
<b>Instrument:</b>	Brusher - ATS FAAR		
Procedure:			
Sample was submitted to brushing (200 cycles) in an aqueous detergent solution (2% w/w) and rinsed with stream water. After the conditioning, the sample was submitted to fire reaction test, as following described.			
Deviations from the method			None
* <b>15036 REACTION TO FIRE OF FURNITURE BY APPLYING A SMALL FLAME</b>	<b>UNI 9175:1987 + A1:1994</b>		.
<b>Start date test</b>	17/01/2025		
<b>End date test</b>	20/01/2025		
<b>Instrument:</b>	Small Test Rig and burner		
Pretreatment carried out			sample was submitted to brushing, as above described
Upholstery filling test result (flame 20 s)			.
NOTE: In absence of effective upholstery filling, the test has been carried out using a FLAME RETARDANT POLYURETHANE FOAM with a density of 35 kg/m <sup>3</sup> (HR35D) as filling of the upholstered seating. This foam meets the test requirements for the upholstery filling (test on upholstery filling - without outer cover material - 20 s of flame time application). The test result could be different using another type of filling material.			
Upholstery filling test result (flame 20 s)	-		POSITIVE
Upholstery test result (flame 80 s)	-		POSITIVE
Upholstery test result (flame 140 s)	-		POSITIVE
TEST RESULT			SAMPLE MEET THE CLASS 1IM
Deviations from the method			None
Annex n.			4F
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.: **2500147-001**

Test	Method	U.M.	Result
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**The Laboratory Manager**

Fausto Albonico

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**END OF REPORT**  
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LAB N° 0045 L

Allegato n. 2F al rapporto di prova n. / Annex n. 2F to test report n. 2500147-001

## DETTAGLIO DEI RISULTATI DI PROVA DETAILS OF TEST RESULTS

**Prova eseguita in conformità a UNI EN 1021-2:2014**

**Mobili - Verifica dell'accendibilità dei mobili imbottiti – Parte 2 Sorgente di accensione: Fiamma equivalente a fiammifero**

Test carried out according to UNI EN 1021-2:2014

Furniture - Assessment of the ignitability of upholstered furniture - Part 2: Ignition source: match flame equivalent

### Dettagli di prova / Test Details

<b>Imbottitura / Upholstery filling</b>	Schiuma poliuretanica IGNIFUGA con densità di 35 kg/m <sup>3</sup> , come richiesto dal cliente Fire-retardant polyurethane foam with a density of 35 kg/m <sup>3</sup> , as required by customer
<b>Rivestimento esterno / Outer cover</b>	vedasi descrizione articolo / see article description
<b>Pretrattamento del campione: Sample pretreatment:</b>	il campione NON è stato sottoposto ad alcun pretrattamento, come richiesto dal cliente sample wasn't subjected to any pretreatment, as required by customer

sorgente di ignizione tipo 1: fiamma equivalente a fiammifero ignition source type 1: MATCH	1° test	2° test	3° test	Requisito Requirements
Combustione progressiva pericolosa (SI/NO) Unsafe escalating combustion (YES/NO)	NO	NO	NO	Non presente / None
Durata combustione con fiamma (s) Duration of flames (s)	0	1	0	<120 s
Durata combustione senza fiamma (s) Duration of smoke (s)	8	9	9	< 60 min
Assemblaggio di prova esaurito (SI/NO) Test assembly consumed (YES/NO)	NO	NO	NO	Non presente / None
Combustioni lente o fiamme fino alle estremità (SI/NO) Smoulders or flames to extremities (YES/NO)	NO	NO	NO	Non presente / None
Combustioni lente o fiamme nell'intero spessore (SI/NO) Smoulders or flames through thickness (YES/NO)	NO	NO	NO	Non presente / None
Presenza di fiamme (SI/NO) Evidence of flames (YES/NO)	NO	NO	NO	Non presente / None
Presenza di combustione dopo esame finale (SI/NO) Presence of active smouldering in final examination (YES/NO)	NO	NO	NO	Non presente / None
<b>Risultato / Test result</b>	<b>NON IGNITION</b>	<b>NON IGNITION</b>	<b>NON IGNITION</b>	<b>NON IGNITION</b>

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