

Test Report No.:	<b>2301353-001</b>	
Date Test Report	<b>22-feb-23</b>	Customer Code 00137
Acceptance:	<b>2301353</b>	Dear:
Arrival date sample	<b>21-feb-23</b>	<b>LIMONTA SPA</b>
Start date test	<b>21-feb-23</b>	via Cesare Battisti 15
End date test	<b>22-feb-23</b>	23845 COSTA MASNAGA (LC) Italia
References:		C.a. sig.ra Daniela Marucci
		Phone: +39 031 857471
Sampling Mode:	Campionamento effettuato dal Committente *	
[C] Item:	SORISOLE	
[C] Declared Composition:	28% PC - 28% WV - 16% PL - 12% WV - 10% CO - 6% LI	
[C] End use:	furnishing	
[C] Typology:	fabric	
Return:	no requested	

## Test Results

Test	Method	U.M.	Result
<b>15066 UPHOLSTERY FURNITURE COMPONENTS: ASSESSMENT OF THE IGNITABILITY BY SMOULDERING CIGARETTE</b>	<b>BS 5852:2006</b>		.
Start date test	21/02/2023		
End date test	22/02/2023		
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:	fire retardant polyurethane foam with a density of 35 kg/m³		
Inner cover:	-		
Outer cover:	SEE ARTICLE DESCRIPTION		
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.: **2301353-001**

Test	Method	U.M.	Result
<b>15076 UPHOLSTERY FURNITURE:</b>			
<b>ASSESSMENT OF THE IGNITABILITY BY MATCH FLAME</b>			
<b>Start date test</b>	21/02/2023		
<b>End date test</b>	22/02/2023		
<b>Instrument:</b> 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: fire retardant polyurethane foam with a density of 35 kg/m <sup>3</sup>			
Inner cover: -			
Outer cover: SEE ARTICLE DESCRIPTION			
<b>TEST RESULT</b>			<b>SAMPLE PASSES THE TEST: NON IGNITION</b>
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/m <sup>3</sup> 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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LAB N° 0045 L

**Allegato n. 1F al rapporto di prova n.2301353-001**  
**Annex n. 1F to test report n. 2301353-001**

### 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*

<b>Descrizione articolo / Article description</b>	<b>SORISOLE</b>
<b>Composizione dichiarata / Declared composition:</b>	<b>28% PC – 28% WV – 16% PL – 12% WV – 10% CO – 6% LI</b> <b>28% PC – 28% WV – 16% PL – 12% WV – 10% CO – 6% LI</b>
<b>Materiali dell'assemblaggio / Materials of test assembly:</b>	
<b>Imbottitura / Upholstery filling</b>	Schiuma poliuretanica IGNIFUGA con densità di 35 kg/m <sup>3</sup> <i>Fire-retardant polyurethane foam with a density of 35 kg/m<sup>3</sup></i>
<b>Rivestimento esterno / Outer cover</b>	vedasi descrizione articolo / <i>see article description</i>
<b>Pretrattamento del campione / Sample pretreatment:</b>	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>
<b>Condizionamento del campione e sorgente ignizione / Conditioning of test specimen and ignition source</b>	23±2°C, 50±5% r.h.
<b>Temperatura e umidità durante la prova / Testing temperature and r.h.</b>	20°C – 40% r.h.
<b>Prova eseguita il / Date of test:</b>	<b>22/02/2023</b>

<b>sorgente di ignizione tipo 0: sigaretta ignition source type 0: CIGARETTE</b>		<b>1° test Destra / Right</b>	<b>2° test Sinistra / Left</b>	<b>Requisito Requirements</b>
Durata combustione sorgente – <i>Duration of ignition source (min)</i>		26	27	
Tempi comb. con fiamma dal posizionamento della sorgente (s) <i>Time of flaming from placement of the source (s)</i>		-	-	Non presente / <i>None</i>
Durata comb. senza fiamma dal posizionamento della sorgente (min) <i>Duration of smoke (min)</i>		26	27	< 60 min
Combustione pericolosa con o senza fiamma <i>Escalating smouldering/flaming combustion behaviour</i>		NO	NO	Non presente / <i>None</i>
Caduta di detriti infiammati / <i>Flaming debris</i>		NO	NO	Non presente / <i>None</i>
Assemblaggio di prova esaurito / <i>Test assembly consumed</i>		NO	NO	Non presente / <i>None</i>
Combustione progressiva osservata dopo l'esame finale <i>Progressive smouldering observed after the final examination</i>		NO	NO	Non presente / <i>None</i>
danneggiamento seduta (mm) <i>extent of damage of horizontal component (mm)</i>	* Larghezza - <i>Width</i>	16	16	<100 mm
	* Lunghezza - <i>Length</i>	1	0	<100 mm
	Profondità - <i>Depth</i>	2	2	<75 mm
danneggiamento schienale (mm) <i>extent of damage of vertical component (mm)</i>	* Larghezza - <i>Width</i>	1	1	<100 mm
	Profondità - <i>Depth</i>	1	1	<75 mm
<b>TEST RESULT</b>		<b>NON IGNITION</b>	<b>NON IGNITION</b>	<b>NON IGNITION</b>

\* 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/source 0- BS 5852:2006, Clause 11, NI/0**

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%.*