



## TEST REPORT

Report nr.: **1607152-001**  
Report date: **03-gen-17**  
Acceptance code: **1607152**  
Acceptance date: **22-dic-16**  
Start test date: **22-dic-16**  
End test date: **03-gen-17**  
References: **---**

Customer code: 5485

**To:**  
**MARIO SIRTORI SPA**  
**via Papa Giovanni XXIII 10**  
**23845 COSTA MASNAGA (LC)**  
**Italia**

To the attention of:

sig. Sergio Sala Crist

Tel.nr: +39 031 879632

Fax.nr.: +39 031 855397

Article description: **SUPERNOVA**  
Declared composition: **100% Trevira**  
End use: **Furnishing**  
Typology: **Fabric**  
Return: **No requested**  
Sampling by customer

The results reported herein refer to the tested samples only and do not involve any product approval by Centro Tessile Serico.  
This document may not be reproduced other than in full, except with the prior written approval of the issuing Laboratory.

TEST	M.U.	RESULTS
<b>15566 UPHOLSTERY FURNITURE: assessment of the ignitability by SMOULDERING CIGARETTE</b>		
<b>Method:</b> UNI EN 1021-1:2014		
<b>Instrument:</b> Small Test Rig for Flammability test		
<b>Sample pretreatment:</b>		
sample wasn't submitted to any pretreatment		
<b>Ignition source applied:</b>		
source 0 (SMOULDERING CIGARETTE)		
<b>Materials of test assembly:</b>		
Upholstery filling: fire retardant polyurethane foam with a density of 30 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 30 kg/m<sup>3</sup> as filling of the upholstered seating.  
The test result could be different using another type of filling material.

Annex n.:

1F

**Centro Tessile Serico**



Centro Tessile Serico Spa consortile  
via Castelnuovo, 3 22100 Como, Italia  
P.IVA - C.F. 02381270137  
Capitale sociale 193.807,38 i.v.  
mailbox@textilecomo.com  
www.textilecomo.com

Servizio Clienti Laboratorio +39 031 3312120  
Segreteria Laboratorio +39 031 3312121-170-171  
Segreteria di Direzione  
e Amministrazione +39 031 3312102  
Contabilità +39 031 3312154  
Area Certificazione +39 031 3312134  
Marchio Serico +39 031 3312132  
Fax +39 031 3312180

Report nr.

**1607152-001**

**END OF TEST REPORT**

**Supervisor Head**

p.i. Giovanna Baglio

**Technical Head**

dott. Marco Piu



Annex n. 1F to test report n. 1607152-001

## DETAILS OF TEST RESULTS

Test executed according to UNI EN 1021-1:2014 (EN 1021-1:2014)

### Furniture

### Assessment of the ignitability of upholstered furniture

### Part 1: Ignition source: smouldering cigarette

Article description: **SUPERNOVA**

Declared composition: **100% Trevira**

Materials of test assembly:

Upholstery filling: **fire-retardant polyurethane foam with a density of 30 kg/m<sup>3</sup>**

Inner cover: -

Outer cover: **see article description**

Conditioning of test specimen: **23 ± 2 °C, 50 ± 5 % r.h.**

Testing temperature and r.h.: **19 °C and 43 % r.h.**

Sample pre-treatment: **sample wasn't submitted to any pretreatment**

Date of test: **03.01.2017**

<b>SMOULDERING CRITERIA:</b>	<b>first cigarette</b>	<b>second cigarette</b>	<b>Comments</b>
<b>Smouldering criteria:</b>			
Unsafe escalating combustion	NO	NO	
Test assembly consumed	NO	NO	
Smoulders to extremities	NO	NO	
Smoulders through thickness	NO	NO	
Smoulders more than 1 h	NO	NO	Time elapsed between placing the cigarette and extinguishing 1 <sup>st</sup> 19 min 2 <sup>nd</sup> 20 min
In final examination, presence of active smouldering	NO	NO	
<b>Flaming criteria:</b>			
Evidence of flames	NO	NO	

**YES = criteria observed**

**NO = criteria not observed**

## TEST RESULT: SAMPLE PASSES THE TEST - NON IGNITION

*The above test results 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 observation criteria mentioned represent the true 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%.*



## TEST REPORT

Report nr.: **1607153-001**  
Report date: **03-gen-17**  
Acceptance code: **1607153**  
Acceptance date: **22-dic-16**  
Start test date: **22-dic-16**  
End test date: **03-gen-17**  
References: ---

Customer code: 5485

To:  
**MARIO SIRTORI SPA**  
**via Papa Giovanni XXIII 10**  
**23845 COSTA MASNAGA (LC)**  
**Italia**

To the attention of:  
sig. Sergio Sala Crist

Tel.nr.: +39 031 879632  
Fax.nr.: +39 031 855397

Article description: **SUPERNOVA**  
Declared composition: **100% Trevira**  
End use: **Furnishing**  
Typology: **Fabric**  
Return: **No requested**  
Sampling by customer

The results reported herein refer to the tested samples only and do not involve any product approval by Centro Tessile Serico.  
This document may not be reproduced other than in full, except with the prior written approval of the issuing Laboratory.

TEST	M.U.	RESULTS
<b>15576 UPHOLSTERY FURNITURE: assessment of the ignitability by MATCH FLAME EQUIVALENT</b>		
Method:	UNI EN 1021-2:2014	
Instrument:	Small Test Rig and burner for Flammability test	
Sample pretreatment:	sample wasn't submitted to any pretreatment	
Ignition source applied:	source 1 (MATCH FLAME EQUIVALENT)	
Materials of test assembly:	Upholstery filling: fire retardant polyurethane foam with a density of 30 kg/m <sup>3</sup> Inner cover: - Outer cover: SEE ARTICLE DESCRIPTION	
TEST RESULT:		<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 30 kg/m <sup>3</sup> as filling of the upholstered seating. The test result could be different using another type of filling material.		
Annex n.:		1F

**Centro Tessile Serico**



Centro Tessile Serico Spa consortile  
via. Castelnuovo, 3 22100 Como, Italia  
P.IVA - C.F. 02381270137  
Capitale sociale 193.807,38 i.v.  
mailbox@textilecomo.com  
www.textilecomo.com

Servizio Clienti Laboratorio +39 031 3312120  
Segreteria Laboratorio +39 031 3312121-170-171  
Segreteria di Direzione  
e Amministrazione +39 031 3312102  
Contabilità +39 031 3312154  
Area Certificazione +39 031 3312134  
Marchio Seri.co +39 031 3312132  
Fax +39 031 3312180

Report nr.

**1607153-001**

**END OF TEST REPORT**

**Supervisor Head**

p.i. Giovanna Baglio

**Technical Head**

dott. Marco Piu



**Annex n. 1F to test report n. 1607153-001**

## DETAILS OF TEST RESULTS

**Test executed according to UNI EN 1021-2:2014 (EN 1021-1:2014)**

### **Furniture**

### **Assessment of the ignitability of upholstered furniture**

### **Part 2: Ignition source: match flame equivalent**

Article description: **SUPERNOVA**

Declared composition: **100% Trevira**

Materials of test assembly:

Upholstery filling: **fire-retardant polyurethane foam with a density of 30 kg/m<sup>3</sup>**

Inner cover: -

Outer cover: **see article description**

Conditioning of test specimen: **23 ± 2 °C, 50 ± 5 % r.h.**

Testing temperature and r.h.: **19 °C and 43% r.h.**

Sample pre-treatment: **sample wasn't submitted to any pretreatment**

Date of test: **03.01.2017**

<b>SMOULDERING CRITERIA:</b>	<b>1st test</b>	<b>2nd test</b>	<b>3rd test</b>	<b>Comments</b>
<b>Smouldering criteria:</b>				
Unsafe escalating combustion	NO	NO	NO	
Test assembly consumed	NO	NO	NO	
Smoulders to extremities	NO	NO	NO	
Smoulders through thickness	NO	NO	NO	
Smoulders more than 1 hour	NO	NO	NO	Time smouldering: 1st test: 10 s 2nd test: 15 s 3rd test: 12 s
In final examination, presence of active smouldering	NO	NO	NO	
<b>Flaming criteria:</b>				
Unsafe escalating combustion	NO	NO	NO	
Test assembly consumed	NO	NO	NO	
Flames to extremities	NO	NO	NO	
Flames through thickness	NO	NO	NO	
Flames more than 120 s	NO	NO	NO	Time flaming: 1st test: 1 s 2nd test: 0 s 3rd test: 0 s

**YES = criteria observed      NO = criteria not observed**

## **TEST RESULT: SAMPLE PASSES THE TEST - NON IGNITION**

*The above test results 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 observation criteria mentioned represent the true 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%.*