

## TEST REPORT

Report nr.: **1903722-001**  
Report date: **09-mag-19**  
Acceptance code: **1903722**  
Acceptance date: **07-mag-19**  
Start test date: **07-mag-19**  
End test date: **09-mag-19**  
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: **Marshmallow 05**  
Declared composition: **100% Polyester**  
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>		
Method:	UNI EN 1021-1:2014	
Instrument:	Small Test Rig for Flammability test	
Sample pretreatment:		
sample wasn't submitted to any pretreatment		
Ignition source applied:		
source 0 (SMOULDERING CIGARETTE)		
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		
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/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 Spa consortile**  
Via Castelnuovo, 3 - 22100 Como, Italia  
Tel. +39 031 331211-120 Fax +39 031 3312180  
Amministrazione/Contabilità  
Tel. +39 0313312102-154  
P.IVA - C.F. 02381270137  
Capitale sociale euro 552.693,18 i.v.  
mailbox@textilecomo.com  
www.textilecomo.com

Report nr.

**1903722-001**

**TEST**

**M.U.**

**RESULTS**

-----  
**END OF TEST REPORT**  
-----

**Technical Head**

Enrica Baldini

Annex n. 1F to test report n. 1903722-001

## 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: **Marshmallow 05**

Declared composition: **100% Polyester**

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**

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

Testing temperature and r.h.: **21°C, 50% r.h.**

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

Date of test: **09.05.2019**

SMOULDERING CRITERIA:	first cigarette	second cigarette	Comments
<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> 18 min 2 <sup>nd</sup> 17 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%.*

Technical Head  
Enrica Baldini

