



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

TEST REPORT

Report nr.: **1803953-005**
Report date: **11-lug-18**
Acceptance code: **1803953**
Acceptance date: **09-lug-18**
Start test date: **09-lug-18**
End test date: **11-lug-18**
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: **LINVIRA CS**
Declared composition: **100% Trevira cs**
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.
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TEST	M.U.	RESULTS
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**15196 SAMPLE PRETREATMENT FOR
FLAMMABILITY TEST - brushing**

Method: UNI 9176:2010 - Method D

Instrument: 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.



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Report nr. **1803953-005**

TEST	M.U.	RESULTS
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15036 REACTION TO FIRE OF UPHOLSTERED FURNITURES BY APPLYING A SMALL FLAME

Method: UNI 9175 :2010

Instrument: Small Test Rig and burner for Flammability test

Sample pretreatment:

sample was submitted to brushing, as above described

Upholstery filling test result
(flame time application: 20 s)

Not done - see note

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/m³ (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 composite test result
(flame time application: 20 s)

POSITIVE

Upholstery composite test result
(flame time application: 80 s)

POSITIVE

Upholstery composite test result
(flame time application: 140 s)

POSITIVE

TEST RESULT:

SAMPLE MEETS THE CLASS 1. IM REQUIREMENT

Annex n.:

1F

END OF TEST REPORT

Technical Head

Enrica Baldini



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www.textilecomo.com

Annex n.1F to test report n. 1803953-005

DETAILS OF TEST RESULTS

Test carried out according to UNI 9175: 2010

Reaction to fire of upholstered furnitures by applying a small flame

Article description: **LINVIRA CS**

Declared composition: **100% Trevira cs**

Sample pretreatment: **sample was submitted to brushing**

Conditioning of test specimen: **20 ± 2 °C, 65 ± 5 % r.h.**

Date of test: **10/07/2018**

	FIRST SERIES	SECOND SERIES	THIRD SERIES
	Post-combustion time (s)	Post-combustion time (s)	Post-combustion time (s)
flame application time 20 s	13	12	-
flame application time 80 s	23	20	-
flame application time 140 s	31	29	-
RESULT	POSITIVE	POSITIVE	-

SAMPLE MEETS THE CLASS 1.IM REQUIREMENTS

Notes:

The result of the test is "POSITIVE" if the afterflame time is less than 120 s and the specimen is not completely burnt.

The test of third series is necessary if the results between the first and the second series are different.

Classification criteria:

3.IM class:

is attributed to the sample if the test is successful only with the flame application time of 20 s

2.IM class:

is attributed to the sample if the test is successful with the flame application time of 20 s and 80 s

1.IM class:

is attributed to the sample if the test is successful with the flame application time of 20 – 80 and 140 s

NOT classifiable: is attributed to the sample if the test fails the flame application time of 20 s

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