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## TEST REPORT

Report nr.: **1804972-001**  
Report date: **24-set-18**  
Acceptance code: **1804972**  
Acceptance date: **19-set-18**  
Start test date: **19-set-18**  
End test date: **24-set-18**  
References: **---**

Customer code: 5485

To:  
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To the attention of:  
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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
<b>15416 FLAME PROPAGATION OF TEXTILES AND FILMS</b>		
Method:	NFPA 701:2015	
Instrument:	Flammability Chamber - Noselab	
Method of test applied:		test method 1
Sample pretreatment:		
sample wasn't subjected to any pretreatment		
Sample conditioning:		105 x 30 minutes
Nr. of tested specimen	n.	10
TEST RESULT:		SAMPLE MEETS NFPA 701:2015 - Test Method 1 REQUIREMENTS
Annex n.:		1F

Details of the test results related to each specimen can be seen in the annex of this test report.

**END OF TEST REPORT**

**Technical Head**

Enrica Baldini



CTS  
Centro Tessile Serico



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Annex n. 1F to test report n. 1804972-001

## DETAILS OF TEST RESULTS

Test executed according to NFPA 701:2015

Standard methods of fire test for flame propagation of textiles and films

Article description: LINVIRA CS

Declared composition: 100% TREVIRA CS

Method of test applied: Test Method 1

Date of test: 24.09.2018

specimen number	afterflame time (s)	flaming dripping time (s)	mass before test (g)	mass after test (g)	% mass loss	observations
1	5	1	30,5	27,9	9%	-
2	0	0	30,5	27,6	10%	-
3	0	0	30,5	28,1	8%	-
4	0	1	29,7	27,5	7%	-
5	0	1	30,7	27,2	11%	-
6	0	0	30,3	27,6	9%	-
7	0	1	30,2	29,2	3%	-
8	0	1	30,2	26,9	11%	-
9	0	0	29,8	28,4	5%	-
10	0	0	30,4	26,7	12%	-
<b>Mean value</b>	<b>1</b>	<b>1</b>	-	-	<b>8,5%</b>	-
<b>Standard Deviation</b>					<b>2,8%</b>	-

### SAMPLE MEETS NFPA 701:2015 - Test Method 1 REQUIREMENTS

#### Performance criteria (ref. NFPA 701:2015 - Chapter 10)

- Fragments or residues of specimens that fall to the floor of the test chamber shall not continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens.
- The average weight loss of the 10 specimens in a sample shall be 40 percent or less.
- No individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
- When a retest is required, no individual specimen's percent mass loss in the second set of specimens shall deviate from the mean value by more than 3 standard deviations calculated for the second set.
- When a sample does not demonstrate passing performance in accordance with all of the conditions indicated, the material shall be recorded as having failed Test Method 1.

Responsabile Tecnico

Enrica Baldini