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Test Report No.: **2102414-002**

Date Test Report **08-apr-21**
Acceptance: **2102414**
Arrival date sample **29-mar-21**
Start date test **29-mar-21**
End date test **08-apr-21**
References:

Customer Code 07664

Dear:
ABITEX SRL
via del Cristo 84
33044 MANZANO (UD) Italia

C.a. sig. Matteo Bortolossi
Phone: +39 0432 746060

Sampling Mode: Sampling by Customer

[C] Item: **FR170**
[C] Declared Composition: **100% Polyester**
[C] End use: **furnishing and curtains**
[C] Typology: **fabric**
Return: **no requested**

Test Results

Test	Method	U.M.	Result
15416 FLAME PROPAGATION OF TEXTILES AND FILMS	NFPA 701:2019		.
Test method used			Test method 1
Pretreatment carried out			none
Conditioning of sample			105°C for 30 minutes
Number of tests specimens			10
TEST RESULT			SAMPLE MEETS NFPA 701:2019 - Test Method 1 REQUIREMENTS
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 Laboratory Manager

Fausto Albonico

END OF REPORT

The Results contained in this Report refer only to the Sample as received 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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[C] = Information provided by the Customer, of which the Centro Tessile Serico Sostenibile Srl Laboratory declines all responsibility.



Annex n. 1F to test report n. 2102414-002

DETAILS OF TEST RESULTS

Test executed according to NFPA 701:2019

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

Article description: **FR170**

Declared composition: **100% Polyester**

Method of test applied: **Test Method 1**

Date of test: **07/04/2021**

specimen number	afterflame time (s)	flaming dripping time (s)	mass before test (g)	mass after test (g)	% mass loss	observations
1	0	0	12,9	8,8	32%	-
2	0	0	11,9	8,9	25%	-
3	0	0	12,2	9,9	19%	-
4	0	0	12,0	9,5	21%	-
5	0	0	11,4	9,6	16%	-
6	0	0	11,5	9,4	18%	-
7	0	0	11,3	9,6	15%	-
8	0	0	12,0	9,7	19%	-
9	0	0	12,1	9,0	26%	-
10	0	0	11,8	9,4	20%	-
Mean value	0	0	Mean % mass lost		21,1%	-
			Standard Deviation		5,1%	-

SAMPLE MEETS NFPA 701:2019 - Test Method 1 REQUIREMENTS

Performance criteria (ref. NFPA 701:2019 - 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.