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Test Report No.:

2102414-001

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
25165 WASHING TREATMENTS	UNI EN ISO 6330:2012		.
Instrument: WASHING-MACHINE ELECTROLUX WASCATOR mod. FOM 71 CLS Programme of washing: 3G - gentle agitation Test Temperature: 30°C Drying procedure: type C - Flat dry Detergent used: ECE (ref.A) - Sodium Perborated - TAED Total air-dry- mass (specimens and ballast): 2,0 kg Type of ballast used: Type III (polyester) Number of washings performed: 01 THE SAMPLE, TREATED AS ABOVE DESCRIBED, HAS BEEN SUBMITTED TO NEXT TEST.			
15386 CURTAINS AND DRAPES: IGNITABILITY OF VERTICALLY ORIENTED SPECIMENS	UNI EN 1101:2006		.
Instrument: Rhoburn Tester			
Pretreatment carried out			1 washing cycles at 30°C
Type of gas used:			propane
Type of ignition used:			bottom edge ignition
MEAN IGNITION TIME			SAMPLE DOES NOT BURN AT 20 s OF APPLICATION TIME OF THE FLAME
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 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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25165 WASHING TREATMENTS	UNI EN ISO 6330:2012		.
Instrument: WASHING-MACHINE ELECTROLUX WASCATOR mod. FOM 71 CLS Programme of washing: 3G - gentle agitation Test Temperature: 30°C Drying procedure: type C - Flat dry Detergent used: ECE (ref.A) - Sodium Perborated - TAED Total air-dry- mass (specimens and ballast): 2,0 kg Type of ballast used: Type III (polyester) Number of washings performed: 12			
THE SAMPLE, TREATED AS ABOVE DESCRIBED, HAS BEEN SUBMITTED TO NEXT TEST.			
15676 BURNING BEHAVIOUR - CURTAINS AND DRAPES - Measurement of flame spread of vertically oriented specimens with large ignition source	UNI EN 13772:2011		.
Instrument: Rhoburn Tester			
Pretreatment carried out			12 washing cycles at 30°C
Deviations from the method			none
Annex n.			2F
Details of the test results related to each specimen can be seen in the annex of this test report.			
15986 TEXTILES AND TEXTILE PRODUCTS - BURNING BEHAVIOUR - CURTAINS AND DRAPES - CLASSIFICATION SCHEME	EN 13773:2004		.
The fabric tested according to standards UNI EN 1101: 2006 "Textiles and textile products. Burning behaviour. Curtains and drapes. Detailed procedure to determine the ignitability of vertically oriented specimens (small flame)" and UNI EN 13772: 2011 "Textiles and textile products. Burning behaviour. Curtains and drapes. Measurement of flame spread of vertically oriented specimens with large ignition source"			
MEETS THE REQUIREMENTS OF CLASS 1 according to the UNI EN 13773: 2003 "Textiles and textile products - Burning behavior - Curtains and drapes - Classification scheme"			

The Laboratory Manager

Fausto Albonico

END OF REPORT

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Annex n. 1F to test report n. 2102414-001

DETAILS OF TEST RESULTS

Test executed according to UNI EN 1101:2006

Burning behaviour – Curtains and drapes

Detailed procedure to determine the ignitability of vertically oriented specimens (small flame)

Article description: **FR170**

Declared composition: **100% polyester**

Sample pre-treatment: **was subjected to 1 washing at 30°C**

Size specimen: **200 mm x 80 mm**

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

Testing temperature and relative humidity: **18°C and 52% r.h.**

Type of ignition used: **BOTTOM EDGE IGNITION**

Date of test: **06.04.2021**

Direction of specimen: WARP

Number	Flame application time (s)	Result
1	1	N.A.
2	2	N.A.
3	3	N.A.
4	4	N.A.
5	5	N.A.
6	10	N.A.

Number	Flame application time (s)	Result
7	15	N.A.
8	20	N.A.
9	20	N.A.
10	20	N.A.
11	20	N.A.
12	20	N.A.

N.A. = not ignition

Resume:

Flame application time (s)	Number ignition	Number not ignition	Flame application time (s)	Number ignition	Number not ignition
1	0	1	5	0	1
2	0	1	10	0	1
3	0	1	15	0	1
4	0	1	20	0	5

Mean time of ignition: not detectable

SAMPLE DOESN'T BURN AT 20 s OF APPLICATION TIME OF THE FLAME



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Article description: **FR170**

Declared composition: **100% polyester**

Sample pre-treatment: **was subjected to 1 washing at 30°C**

Size specimen: **200 mm x 80 mm**

Type of ignition used: **BOTTOM EDGE IGNITION**

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

Testing temperature and relative humidity: **18°C and 52% r.h.**

Date of test: **06.04.2021**

Direction of specimen: **WEFT**

Number	Flame application time (s)	Result
1	1	N.A.
2	2	N.A.
3	3	N.A.
4	4	N.A.
5	5	N.A.
6	10	N.A.

Number	Flame application time (s)	Result
7	15	N.A.
8	20	N.A.
9	20	N.A.
10	20	N.A.
11	20	N.A.
12	20	N.A.

N.A. = not ignition

Resume:

Flame application time (s)	Number ignition	Number not ignition	Flame application time (s)	Number ignition	Number not ignition
1	0	1	5	0	1
2	0	1	10	0	1
3	0	1	15	0	1
4	0	1	20	0	5

Mean time of ignition: not detectable

SAMPLE DOESN'T BURN AT 20 s OF APPLICATION TIME OF THE FLAME

Note 1:

The maximum flame application time in according to UNI EN 1101:2006 is 20s.

Fabrics that don't burn in these conditions normally don't burn even with flame application time >20 s

The Laboratory Manager
Fausto Albanico





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Annex n. 2F to test report n. 2102414-001

DETAILS OF TEST RESULTS

Test executed according to UNI EN 13772:2011
Textiles and textile products – Burning behaviour – Curtains and drapes
Measurement of flame spread of vertically oriented with large ignition source

Article description: **FR170**

Declared composition: **100% polyester**

Sample pre-treatment: **sample was subjected to 12 washing cycles at 30°C**

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

Testing temperature and r.h: **20°C, 49% r.h.**

Date of test: **07.04.2021**

Direction of specimen Properties observed	WEFT			WARP		
	Face	Face	Face	Face	Face	Face
Side of specimen	Face	Face	Face	Face	Face	Face
Severance of the first marker thread	NO	NO	NO	NO	NO	NO
Severance of the second marker thread	NO	NO	NO	NO	NO	NO
Severance of the third marker thread	NO	NO	NO	NO	NO	NO
Time to severance of the third marker thread (s)	0	0	0	0	0	0
Flaming debris	NO	NO	NO	NO	NO	NO
Vertical damage (mm)	112	115	121	118	123	121

Note: face side = back side

No severance of first marker thread

No flaming debris

The Laboratory Manager
Fausto Albonico