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LAB n° 0045

TEST REPORT

Report nr.: **1804988-005**

Report date: **25-set-18**

Acceptance code: **1804988**

Acceptance date: **20-set-18**

Start test date: **20-set-18**

End test date: **25-set-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

Sampling by customer

Article description:

EVEREST

Declared composition:

75% WO - 15% WP - 10% PA

End use:

Furnishing

Typology:

Fabric

Return:

No requested

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
(*) 15566 UPHOLSTERY FURNITURE: assessment of the ignitability by SMOULDERING CIGARETTE		
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 ³		
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 ³ as filling of the upholstered seating. The test result could be different using another type of filling material.		
Annex n.:		1F

(*) = the tests marked with asterisk are not accredited by Accredia.



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LAB n° 0045

Report nr.

1804988-005

TEST

M.U.

RESULTS

END OF TEST REPORT

Technical Head

Enrica Baldini

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Annex n. 1F to test report n. 1804988-005

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: **EVEREST**

Declared composition: **75% WO- 15% WP- 10%PA**

Materials of test assembly:

Upholstery filling: **fire-retardant polyurethane foam with a density of 35 kg/m³**

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, 40% u.r**

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

Date of test: **25/09/2018**

SMOULDERING CRITERIA:	first cigarette	second cigarette	Third cigarette	Comments
Smouldering criteria:				
Unsafe escalating combustion	NO	NO	NO	-
Test assembly consumed	NO	NO	NO	-
Smoulders to extremities	NO	NO	NO	-
Smoulders through thickness	NO	NO	NO	-
Smoulders more than 1 h	NO	NO	NO	Time elapsed between placing the cigarette and extinguishing 1 st 8 min 2 nd 9 min 3 th 6 min
In final examination, presence of active smouldering	NO	NO	NO	-
Flaming criteria:				
Evidence of flames	NO	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%.



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LAB n° 0045

TEST REPORT

Report nr.: **1804988-006**

Customer code: 5485

Report date: **25-set-18**

To:
MARIO SIRTORI SPA
via Papa Giovanni XXIII 10
23845 COSTA MASNAGA (LC)
Italia

Acceptance code: **1804988**

Acceptance date: **20-set-18**

Start test date: **20-set-18**

End test date: **25-set-18**

References: ---

To the attention of:

sig. Sergio Sala Crist

Tel.nr: +39 031 879632

Fax.nr. +39 031 855397

Sampling by customer

Article description: **EVEREST**

Declared composition: **75% WO - 15% WP - 10% PA**

End use: **Furnishing**

Typology: **Fabric**

Return: **No requested**

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TEST	M.U.	RESULTS
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(*) **15576 UPHOLSTERY FURNITURE: assessment of the ignitability by MATCH FLAME EQUIVALENT**

Method: UNI EN 1021-2:2014

Instrument: Small Test Rig and burner for Flammability test

Sample pretreatment:

sample wasn't submitted to any pretreatment

Ignition source applied:

source 1 (MATCH FLAME EQUIVALENT)

Materials of test assembly:

Upholstery filling: fire retardant polyurethane foam with a density of 35 kg/m³

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/m³ as filling of the upholstered seating. The test result could be different using another type of filling material.

Annex n.:

1F

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LAB n° 0045

Report nr.

1804988-006

TEST

M.U.

RESULTS

END OF TEST REPORT

Technical Head

Enrica Baldini

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LAB N° 0045

Annex n. 1F to test report n. 1804988-006

DETAILS OF TEST RESULTS

Test executed according to UNI EN 1021-2:2014 (EN 1021-1:2014)
Furniture - Assessment of the ignitability of upholstered furniture
Part 2: Ignition source: match flame equivalent

Article description: **EVEREST**
 Declared composition: **75% WO- 15% WP- 10% PA**
 Materials of test assembly:
 Upholstery filling: **fire-retardant polyurethane foam with a density of 35 kg/m³**
 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, 40% u.r**
 Sample pre-treatment: **sample wasn't submitted to any pretreatment**
 Date of test: **25/09/2018**

SMOULDERING CRITERIA:	1st test	2nd test	3rd test	Comments
Smouldering criteria:				
Unsafe escalating combustion	NO	NO	NO	-
Test assembly consumed	NO	NO	NO	-
Smoulders to extremities	NO	NO	NO	-
Smoulders through thickness	NO	NO	NO	-
Smoulders more than 1 hour	NO	NO	NO	Time smouldering: 1st test: 7 s 2nd test: 11 s 3rd test: 6 s
In final examination, presence of active smouldering	NO	NO	NO	-
Flaming criteria:				
Unsafe escalating combustion	NO	NO	NO	-
Test assembly consumed	NO	NO	NO	-
Flames to extremities	NO	NO	NO	-
Flames through thickness	NO	NO	NO	-
Flames more than 120 s	NO	NO	NO	Time flaming: 1st test: 0 s 2nd test: 0 s 3rd test: 0 s

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