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LAB N° 0045 L

| | | |
|---------------------|------------------------|--------------------------------|
| Test Report No.: | 2007122-001 | |
| Date Test Report | 24-nov-20 | Customer Code 08323 |
| Acceptance: | 2007122 | Dear: |
| Arrival date sample | 19-nov-20 | ARISTIDE |
| Start date test | 19-nov-20 | Nachtegalstraat 109 |
| End date test | 23-nov-20 | B-2550 KONTICH BELGIUM |
| References: | | C.a. Mr. Peter-Jan Debusschere |
| | | Phone: |
| Sampling Mode: | Sampling by Customer * | |

| | |
|---------------------------|----------------------------------------------------------------------------------|
| [C] Item: | TEDDY |
| [C] Declared Composition: | 34% Viscose - 33% Acrylic - 17% Wool - 8% polyester - 4% Flax - 4% Cotton |
| [C] End use: | Furnishing |
| [C] Typology: | Fabric |
| Return: | Specimens enclosed |

Test Results

| Test | Method | U.M. | Result |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------|-----------------------------------------|
| 15066 UPHOLSTERY FURNITURE COMPONENTS: ASSESSMENT OF THE IGNITABILITY BY SMOULDERING CIGARETTE | UNI EN 1021-1:2014 | | . |
| Instrument: Small Test Rig and burner | | | |
| Test carried out on | | | cover fabric |
| Pretreatment carried out | | | none |
| Ignition source | | | 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. | | | |
| 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 tests marked in this way are not accredited by Accredia

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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LAB N° 0045 L

Test Report No.: **2007122-001**

| Test | Method | U.M. | Result |
|------|--------|------|--------|
|------|--------|------|--------|

The Laboratory Manager

Fausto Albonico

END OF REPORT

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LAB N° 0045 L

Annex n. 1F to test report n. 2007122-001

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: **TEDDY**

Declared composition: **34% Viscose - 33% Acrylic - 17% Wool - 8% polyester - 4% Flax - 4% Cotton**

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.: **18°C, 48% r.h.**

Sample pre-treatment: **sample wasn't submitted to any pretreatment because it wasn't chemically treated with flame retardant**

Date of test: **23/11/2020**

| SMOULDERING CRITERIA: | first cigarette | second cigarette | Third cigarette | Comments |
|------------------------------------------------------|-----------------|------------------|-----------------|------------------------------------------------------------------------------------------------------------------|
| Smouldering criteria: | | | | |
| Unsafe escalating combustion | NO | NO | NO | Time elapsed between placing the cigarette and extinguishing 1 st 25 min 2 nd 27 min |
| 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 | |
| In final examination, presence of active smouldering | NO | NO | NO | |
| Flaming criteria: | | | | |
| Evidence of flames | NO | NO | NO | |

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 truth 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%.

The Laboratory Manager
Fausto Albanico





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LAB N° 0045 L

| | | |
|---------------------|------------------------|--------------------------------|
| Test Report No.: | 2007122-002 | Customer Code 08323 |
| Date Test Report | 24-nov-20 | Dear: |
| Acceptance: | 2007122 | ARISTIDE |
| Arrival date sample | 19-nov-20 | Nachtegalstraat 109 |
| Start date test | 19-nov-20 | B-2550 KONTICH BELGIUM |
| End date test | 23-nov-20 | C.a. Mr. Peter-Jan Debusschere |
| References: | | Phone: |
| Sampling Mode: | Sampling by Customer * | |

| | |
|---------------------------|----------------------------------------------------------------------------------|
| [C] Item: | TEDDY |
| [C] Declared Composition: | 34% Viscose - 33% Acrylic - 17% Wool - 8% Polyester - 4% Flax - 4% Cotton |
| [C] End use: | Furnishing |
| [C] Typology: | Fabric |
| Return: | Specimens enclosed |

Test Results

| Test | Method | U.M. | Result |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------|-------------------------------------------------|
| 15076 UPHOLSTERY FURNITURE: ASSESSMENT OF THE IGNITABILITY BY MATCH FLAME | UNI EN 1021-2:2014 | | . |
| Instrument: Small Test Rig and burner | | | |
| Test carried out on | | | cover fabric |
| Pretreatment carried out | | | none |
| Ignition source | | | MATCH FLAME EQUIVALENT |
| 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. | | | |
| 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. | | | |

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LAB N° 0045 L

Test Report No.: **2007122-002**

| Test | Method | U.M. | Result |
|------|--------|------|--------|
|------|--------|------|--------|

The Laboratory Manager

Fausto Albonico

END OF REPORT

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Annex n. 1F to test report n. 2007122-002

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: **TEDDY**

Declared composition: **34% Viscose - 33% Acrylic - 17% Wool - 8% polyester - 4% Flax - 4% Cotton**

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.: **18°C, 48% r.h.**

Sample pre-treatment: **sample wasn't submitted to any pretreatment because it wasn't chemically treated with flame retardant**

Date of test: **23/11/2020**

| SMOULDERING CRITERIA: | 1st test | 2nd test | 3rd test | Comments |
|------------------------------------------------------|----------|----------|----------|----------------------------------------------------------------------|
| Smouldering criteria: | | | | |
| Unsafe escalating combustion | NO | NO | NO | Time smouldering: 1st test: 6 s 2nd test: 6 s 3rd test: 5 s |
| 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 | |
| In final examination, presence of active smouldering | NO | NO | NO | |
| Flaming criteria: | | | | |
| Unsafe escalating combustion | NO | NO | NO | Time flaming: 1st test: 2 s 2nd test: 2 s 3rd test: 2 s |
| 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 | |

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 truth 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%.

The Laboratory Manager
Fausto Albonico