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LAB N° 0045 L

## TEST REPORT

Report nr.: **1900218-001**

Report date: **11-gen-19**

Acceptance code: **1900218**

Acceptance date: **09-gen-19**

Start test date: **09-gen-19**

End test date: **11-gen-19**

References: **---**

Customer code: 5485

**To:**  
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To the attention of:

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Sampling by customer

Article description:

**GORKY**

Declared composition:

**37% PC - 23% CO - 17% WO - 12% WP - 11% PL**

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
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**15066 UPHOLSTERY FURNITURE: assessment  
of the ignitability by SMOULDERING CIGARETTE**

**Method:** TB 117: 2013

**Instrument:** Mock-up Tester

Test executed on:

COVER FABRIC

Ignition source applied:

SMOULDERING CIGARETTE

Materials of test assembly:

Upholstery filling: NON fire retardant polyurethane foam with a density of

28 kg/m<sup>3</sup>

Inner cover: -

Outer cover: SEE ARTICLE DESCRIPTION

TEST RESULT:

SAMPLE PASSES THE TEST

Note: to assess the ignitability of this sample, the test has been carried out using a NON fire-retardant polyurethane foam with a density of 28 kg/m<sup>3</sup> as filling of the upholstered seating.  
The test result could be different using another type of filling material.

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 with asterisk are not accredited by Accredia.



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LAB N° 0045 L

Report nr.

**1900218-001**

TEST

M.U.

RESULTS

END OF TEST REPORT

**Technical Head**

Enrica Baldini

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Annex n. 1F to test report n. 1900218-001

## DETAILS OF TEST RESULTS

Test executed according to TB 117:2013

**Requirements, Test procedure and Apparatus for testing the Smolder Resistance of Materials used in Upholstered Furniture**

Sample description: **GORKY**

Declared composition: **37% PC – 23% CO – 17% WO – 12% WP – 11% PL**

Conditioning of test specimen and ignition source (SRM 1196 cigarette): **24 h at 21 ± 3 °C, <55% r.h.**

Testing temperature and r.h.: **19°C, 40% r.h.**

Filling specification: **NON FIRE-RETARDANT polyurethane foam with a density of 28 kg/m<sup>3</sup>**

Date of test: **11/01/2019**

**Type of fabric: COVER FABRIC**

Specimen number	1	2	3
Total combustion of the cigarette (YES / NO)	YES	YES	YES
Time of progressive smouldering from placement of the source (min)	23	28	25
Size of the damage (mm)	32	40	39
Mock-up test specimen transitions to open flaming (YES / NO)	NO	NO	NO
<b>CIGARETTE TEST RESULT (PASS/FAIL)</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

### Cover Fabric Classification (ref. TB 117:2013)

A single mock-up test specimen fails to meet the requirements if any of the following criteria occurs:

- The mock-up test specimen continues to smolder after the 45 minute test duration;
- A char in any direction more than 45 mm develops on the cover fabric
- The mock-up test specimen transitions to open flaming.

- The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering.
- If more than one initial specimen fails, the cover fabric fails the test.
- If any one of the three initial specimens fails, repeat the test on additional three specimens.
- If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test.

*The following test result 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.*

*Upholstery cover fabrics that fail the cover fabric test described in Section 1 can be used in upholstered furniture if a barrier (interliner) material that passes the test method described in Section 2 is used. When a barrier is required, the barrier material must cover all sides and top of the seating cushion(s). Exceptions: Non-reversible and non-detachable seating cushions do not require the use of the barrier material on the underside of the seating cushion.*

Technical Head

Enrica Baldini

