



Centro Tessile Serico Sostenibile Srl
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LAB N° 0045 L

| | | |
|---------------------|------------------------|---------------------------------|
| Test Report No.: | 2202504-001 | Customer Code 05485 |
| Date Test Report | 06-apr-22 | Dear: |
| Acceptance: | 2202504 | MARIO SIRTORI SPA |
| Arrival date sample | 04-apr-22 | via Papa Giovanni XXIII 10 |
| Start date test | 04-apr-22 | 23845 COSTA MASNAGA (LC) Italia |
| End date test | 06-apr-22 | C.a. sig. Sergio Sala Crist |
| References: | | Phone: +39 031 879632 |
| Sampling Mode: | Sampling by Customer * | |

| | |
|---------------------------|---|
| [C] Item: | VELL. ORION GRS |
| [C] Declared Composition: | 80% Recycled polyester - 20% Polyester |
| [C] End use: | furnishing |
| [C] Typology: | velvet |
| Return: | no requested |

Test Results

| Test | Method | U.M. | Result |
|---|-----------------------|------|--|
| 15066 UPHOLSTERY FURNITURE COMPONENTS: ASSESSMENT OF THE IGNITABILITY BY SMOULDERING CIGARETTE | BS 5852-1:1979 | | . |
| Instrument: Small Test Rig and burner | | | |
| Test carried out on | | | COVER FABRIC |
| Pretreatment carried out | | | sample was not subjected to any pretreatment, as requested by the Customer |
| Ignition source | | | source 0 (SMOULDERING CIGARETTE) |
| Materials of test assembly | | | . |
| Upholstery filling: NON fire retardant polyurethane foam with a density of 21 kg/m ³ | | | |
| Inner cover: - | | | |
| Outer cover: SEE ARTICLE DESCRIPTION | | | |
| TEST RESULT | | | SAMPLE PASSES THE TEST: PASS |
| 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 21 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.: **2202504-001**

| 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. 2202504-001

DETAILS OF TEST RESULTS

Test executed according to BS 5852:Part1:1979 (Ref. Schedule 4, Part 1 ‘The Cigarette Test’ of Furniture and Furnishing (Fire) (Safety) Regulations 1988 S.I. 1324 and next amendments):

Fire test for furniture

Part 1. Methods of test for the ignitability by smokers’ materials of upholstered composites for seating

Ignition source: SMOULDERING CIGARETTE

Sample description: **VELL. ORION GRS**

Declared composition: **80% Recycled polyester - 20% Polyester**

Conditioning of test specimen and ignition source: **16 hours at 20 ± 5 °C, 50 ± 20 % r.h.**

Testing temperature and r.h.: **19°C, 43% r.h.**

Filling specification: **non fire-retardant polyurethane foam with a density of 21 kg/m³**

Sample pre-treatment: **sample wasn’t subjected to any pretreatment**

Date of test: **06/04/2022**

| Specimen number | 1 | 2 |
|---|-------------|-------------|
| Time of flaming from placement of the source (min) | 0 | 0 |
| Time of progressive smouldering from placement of the source (min) | 21 | 20 |
| Sample melting (YES/NO) | YES | YES |
| Sample dripping (YES/NO) | NO | NO |
| Sample charring (YES/NO) | YES | YES |
| Progressive smouldering observed after the final examination (YES/NO) | NO | NO |
| CIGARETTE TEST RESULT (PASS/FAIL) | PASS | PASS |

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.

The probability that the criteria represent the truth observation is equal to 95%.

The Laboratory Manager
 Fausto Alborico

