

TEST REPORT

240815 / 1

Date received: 06/11/17
Date of test: 21/11/17
Date of issue: 21/11/17

Sample name: Upholstered furniture covered with fabric SALO'

CHIOCCARELLO S.R.L.
VIALE DELL'INDUSTRIA, 4
36036 TORREBELVICINO (VI)
ITALIA

Smouldering cigarette test IMO 2010 FTP CODE

The test has been carried out in accordance with paragraph 7.2 of IMO - 2010 FTP Code - Part 8 "Test for upholstered furniture".

Type of the furniture: upholstered furniture.

Description of tested materials as declared by the client

Outer cover:

- material: fabric SALO' produced by Chioccarello S.r.l. Company;
- composition: 100 % polyester;
- composition of weave: not declared;
- density (number of threads/inch): not declared;
- yarn number count: not declared;
- thickness: not declared;
- mass per unit area: 380 g/m²;
- colour and tone: not declared;
- fire-retardant treatment: none.


Filling (supplied by Laboratory as requested by the client):

- material: polyurethane foam Fire Retardant;
- density: 25 kg/m³;
- fire-retardant treatment: inherently flame retardant.

Description of the sample (data collected measured by the Laboratory)

- Dimensions of the cover: 800 ± 10 mm x 650 ± 10 mm.
- Mass per unit area of the cover: 488 g/m².
- Colour of the cover: black.
- Orientation of the cover: the warp is parallel to the long side of the sample.
- Dimensions of the filling material: seat 450 ± 5 mm x 150 ± 5 mm x 75 ± 2 mm,
back 450 ± 5 mm x 300 ± 5 mm x 75 ± 2 mm.
- Density of the filling material: 25 kg/m³.

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Managing Director
Dr. Andrea Giavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

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Deviations from the test method: none.

Conditioning and sampling procedure

- Conditioning: for at least 88 h in an atmosphere having a temperature of 23 ± 2 °C and a relative humidity of 50 ± 5 %.
- Type of cleaning: none as requested by the client.
- Weathering procedures: none as requested by the client.
- Type of the detergent used: none.

Sampling procedure: performed by the client.

		Cigarette n° 1	Cigarette n° 2
Cigarette dimensions	length	70 mm	70 mm
	diameter	8,0 mm	8,0 mm
Mass		0,92 g	0,96 g
Smouldering rate of the cigarette		10 min 13 s / 50 mm	10 min 13 s / 50 mm
Extent of damage of specimen measured from the ignition source		70 mm	70 mm
Occurrence of progressive smouldering or flaming (paragraph 3.1.2)		no	no
Final examination (paragraph 7.4)		Pass	Pass

Observations: none.

The uncertainties of measurement of input quantities, extended to a 95 % level of confidence (coverage factor $k=2$), are $\pm 0,2$ seconds and $\pm 0,4$ mm.

The sample complies with the performance criteria set out in paragraph 3 of Part 8 "Test for upholstered furniture".

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.