

TEST REPORT

267754 / 1

Date received: 14/03/19
Date of test: 19/03/19
Date of issue: 20/03/19

Sample name: PELKO' SMART F.R. COLLECTION

ALFATEX ITALIA S.R.L.
VIA LIGURIA, ZONA PIP
70029 SANTERAMO IN COLLE (BA)
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: simil leather art. "PELKO' SMART F.R. COLLECTION" produced by ALFATEX ITALIA S.r.l. Company;
- composition: 1 % PU - 85 % PVC - 14 % PES;
- composition of weave: not declared;
- density (number of threads/inch): not declared;
- yarn number count: not declared;
- thickness: 0,90 mm;
- mass per unit area: 550 g/m²;
- colour and tone: not declared;
- fire-retardant treatment: inherently flame retardant.

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: 620 g/m².
- 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.

This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.

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.

TEST REPORT

267754 / 1

Date of issue:

20/03/19

Sample name:

PELKO' SMART F.R. COLLECTION

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 mm	8 mm
Mass		0,95 g	0,97 g
Smouldering rate of the cigarette		10 min 45 s / 50 mm	10 min 45 s / 50 mm
Extent of damage of specimen measured from the ignition source		11 mm	15 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.

TEST REPORT

267754 / 2

Date received: 14/03/19
Date of test: 19/03/19
Date of issue: 20/03/19

Sample name: PELKO' SMART F.R. COLLECTION

ALFATEX ITALIA S.R.L.
VIA LIGURIA, ZONA PIP
70029 SANTERAMO IN COLLE (BA)
ITALIA

Propane flame test IMO 2010 FTP CODE

The test has been carried out in accordance with paragraph 7.3 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: simil leather art. "PELKO' SMART F.R. COLLECTION" produced by ALFATEX ITALIA S.r.l. Company;
- composition: 1 % PU - 85 % PVC - 14 % PES;
- composition of weave: not declared;
- density (number of threads/inch): not declared;
- yarn number count: not declared;
- thickness: 0,90 mm;
- mass per unit area: 550 g/m²;
- colour and tone: not declared;
- fire-retardant treatment: inherently flame retardant.


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: 620 g/m².
- 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 Glavon

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TEST REPORT **267754 / 2**
Date of issue: 20/03/19
Sample name: PELKO' SMART F.R. COLLECTION

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.

Flame application time: 20 ± 1 s

	Application n° 1	Application n° 2
Duration of flames and/or progressive smouldering longer than 120 s of the removal (paragraph 3.2.2)	0 s Pass	0 s Pass
Final examination (paragraph 7.4)	Pass	Pass

The uncertainty of measurement of the input quantities, extended to a 95 % level of confidence (coverage factor $k=2$), is $\pm 0,2$ seconds.

Observations: none.

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.