

TEST REPORT

241055 / 1

Date received: 08/11/17

Date of test: 15/11/17

Date of issue: 15/11/17

Sample name: Upholstered furniture covered with art. PELKO' 1511 FR

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

Assessment of the ignitability of upholstered furniture EN 1021:2014

The tests have been carried out in accordance with EN 1021-1:2014 "Ignition source: Smouldering cigarette" and EN 1021-2:2014 "Ignition source: Match flame equivalent" standards.

Description of tested materials as declared by the client

Cover

Simil leather art. "PELKO' 1511 FR" produced by ALFATEX ITALIA S.r.l. Company, composition 1 % PU - 85 % PVC - 14 % PES, mass per unit area 555 g/m².

The exposed surface of the cover was tested, the cover has not been treated with a fire-retardant chemical.

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

Flame Retardant polyurethane foam (Crib 5), density 25 kg/m³.

Pre-treatment

The cover has not been subjected to the water soaking and drying procedure (Annex D).

Conditioning

At least 96 hours at 23 ± 2 °C temperature and 50 ± 5 % relative humidity.

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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.

TEST REPORT

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70029 SANTERAMO IN COLLE (BA)
ITALIA

Sample name: Upholstered furniture covered with art. PELKO' 1511 FR

Smouldering cigarette test EN 1021-1:2014

Test results

Non-ignition

Criteria of ignition

Smouldering criteria

		Smouldering Cigarette			Comments
		1	2	3*	
Unsafe escalating combustion	[3.1 a)]	No	No	-	-
Test assembly consumed	[3.1 b)]	No	No	-	-
Smoulders to extremities	[3.1 c)]	No	No	-	-
Smoulders through thickness	[3.1 c)]	No	No	-	-
Smoulders more than 1 h	[3.1 d)]	No	No	-	-
In final examination, presence of active smouldering	[3.1 e)]	No	No	-	-

Flaming criteria

Occurrence of flames	[3.2]	No	No	-	-
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Yes: does not meet requirement

No: meet requirement

* Record the results for cigarette 3 if applied.

The uncertainty of measurement of time extended to a confidence level of 95% (coverage factor $k = 2$), is ± 0.2 seconds.

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 materials in use.

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Managing Director
Dr. Andrea Giayon

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ALFATEX ITALIA S.R.L.
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Match flame equivalent test EN 1021-2:2014

Test results

Non-ignition

Criteria of ignition		Match flame equivalent			Comments
		1	2	3	
<u>Smouldering criteria</u>					
Unsafe escalating combustion	[3.1 a)]	No	No	No	-
Test assembly consumed	[3.1 b)]	No	No	No	-
Smoulders to extremities	[3.1 c)]	No	No	No	-
Smoulders through thickness	[3.1 c)]	No	No	No	-
Smoulders more than 1 h	[3.1 d)]	No	No	No	-
In final examination, presence of active smouldering	[3.1 e)]	No	No	No	-
<u>Flaming criteria</u>					
Unsafe escalating combustion	[3.2 a)]	No	No	No	-
Test assembly consumed	[3.2 b)]	No	No	No	-
Flames to extremities	[3.2 c)]	No	No	No	-
Flames through thickness	[3.2 c)]	No	No	No	-
Flames longer than 120 s	[3.2 d)]	No (0 s)	No (0 s)	No (0 s)	-

Yes: does not meet requirement

No: meet requirement

The uncertainty of measurement of time extended to a confidence level of 95% (coverage factor $k = 2$), is ± 0.2 seconds.

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