

TEST REPORT

240811 / 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

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

Fabric SALO' produced by Chioccarello S.r.l. Company, composition 100 % polyester, mass per unit area 380 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

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 VIALE DELL'INDUSTRIA, 4
 36036 TORREBELVICINO (VI)
 ITALIA

Smouldering cigarette test EN 1021-1:2014

Test results

Non-ignition

Criteria of ignition

		Smouldering Cigarette			Comments
		1	2	3*	
<u>Smouldering criteria</u>					
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	-	-
<u>Flaming criteria</u>					
Occurrence of flames	[3.2]	No	No	-	-

Yes: does not meet requirement

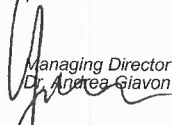
No: meet requirement

* 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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VIALE DELL'INDUSTRIA, 4
36036 TORREBELVICINO (VI)
ITALIA

Sample name: Upholstered furniture covered with fabric SALO'

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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