

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/m<sup>2</sup>. 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/m<sup>3</sup>.

**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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ITALIA

Sample name: Upholstered furniture covered with fabric SALO'

**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  $\pm 0.2$  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 Giavon*

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TEST REPORT

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CHIOCCARELLO S.R.L.  
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  $\pm 0.2$  seconds.

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