

**TEST REPORT**

**275720 / 1**

Revision: 0  
Date received: 24/07/19  
Date of test: 28/08/19  
Date of issue: 04/09/19

Sample name: BLUMARE F.R. COLLECTION

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 "BLUMARE F.R. COLLECTION" produced by ALFATEX ITALIA S.r.l. Company, composition 1 % PU - 84 % PVC - 15 % PES, mass per unit area 750 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*

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ITALIA

## 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  $\pm 0.2$  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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70029 SANTERAMO IN COLLE (BA)  
ITALIA

## 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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