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## TEST REPORT

141022 / 1

Date received: 07-05-12

Date of test: 15-05-12

Date of issue: 15-05-12

Sample name: "OFFICE"

MANIFATTURA LANE CHIOCCARELLO S.R.L.  
 VIA BRUNO BRANDELLERO, 9  
 36036 TORREBELVICINO (VI)  
 ITALIA

## Smouldering cigarette test EN 1021-1:2006

### Description of tested materials as declared by the client

#### Outer cover

Fabric OFFICE produced by Manifattura Lane Chioccarello S.r.l. Company, composition 100 % polyester FR, mass per unit area 430 g/m<sup>2</sup>. The cover has not been treated with a fire-retardant chemical, the exposed surface of the cover was tested.

#### Filling material

Polyurethane foam T 40/RC 5E produced by Olmo Giuseppe S.p.a. Company, density 40 kg/m<sup>3</sup>.

#### Pre-treatment

The cover has not been subjected to the water soaking and drying procedure (Annex D) prior to being conditioned at least 24 hours at 23 ± 2 °C temperature and 50 ± 5 % relative humidity.

### Test results

#### Non-ignition

#### Criteria of ignition

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

Yes: does not meet requirement

No: meet requirement

The uncertainties of measurement extended to a 95 % level of confidence (coverage factor k=2) are ± 0,2 seconds and ± 0,6 mm.

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.

*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

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pag. 1/1