

TEST REPORT

168220 / 2

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MP S.P.A.
VIA LOMBARDA, 74
59015 COMEANA - CARMIGNANO (PO)
ITALIA

Sample name: UPHOLSTERY COVERED WITH BUCK

Match flame equivalent test EN 1021-2:2006

Description of tested materials as declared by the client

Outer cover

Coated fabric BUCK col. 4G5 Batch 2013000086675, composition 67 % PVC PU - 33 % CO, mass per unit area 610 g/m².

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

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

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

Pre-treatment and conditioning

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		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	No	No	-
Yes: does not meet requirement	No: meet requirement				

The uncertainties of measurement of input quantities, extended to a 95 % level of confidence (coverage factor k=2), are ± 0,2 seconds and ± 0,4 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.

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Managing Director
Dr. Ankea Giavon