

TEST REPORT

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Sample name: UPHOLSTERY COVERED WITH BUCK

Smouldering cigarette test EN 1021-1:2006

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 96 hours at 23 ± 2 °C temperature and 50 ± 5 % relative humidity.

Test results

Non-ignition

Criteria of ignition

Smouldering
Cigarette

1

2

Comments

Smouldering criteria

Criteria	Reference	1	2	Comments
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

Criteria	Reference	1	2	Comments
Occurrence of flames	[3.2]	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.

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
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