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TEST REPORT

174476 / 1

Date received: 03/04/14
 Date of test: 07/04/14
 Date of issue: 07/04/14

CHIOCCARELLO S.R.L.
 VIALE DELL'INDUSTRIA, 4
 36036 TORREBELVICINO (VI)
 ITALIA

Sample name: Upholstered furniture covered with art. MADRID

Smouldering cigarette test EN 1021-1:2006

Description of tested materials as declared by the client

Outer cover

Fabric art. MADRID produced by CHIOCCARELLO S.r.l. Company, composition 100 % polypropylene FR, mass per unit area 230 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 criteria

Unsafe escalating combustion [3.1 a)]

Test assembly consumed [3.1 b)]

Smoulders to extremities [3.1 c)]

Smoulders through thickness [3.1 c)]

Smoulders more than 1 h [3.1 d)]

In final examination, presence of active smouldering [3.1 e)]

Flaming criteria

Occurrence of flames [3.2]

Smouldering Cigarette

1 2

Comments

No No

No No

No No

No No

No No

No 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.

Head of Department
 Ing. Franco Prete

Managing Director
 Dr. Andrea Giavon

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