

TEST REPORT

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ITALIA

Sample name: Mobile imbottito rivestito con art. PELKO' 189

**Smouldering cigarette test BS 5852-1:1979**

The test has been carried out in accordance with The Furniture and Furnishings (Fire) (Safety) Regulations 1988 n°1324, amended 1989, 1993 and 2010, Schedule 4 - Part I (ignition source n. 0).

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

Cover material (visible part)

Simil leather art. "PELKO' 189" produced by ALFATEX ITALIA SRL Company, composition 1 % PU - 76 % PVC - 10 % COT - 13 % PES, mass per unit area 700 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 (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 set out in clauses 4.2 to 4.5 of BS 5651:1978, modified by Schedule 4 - Part I.

**Conditioning**

At least 88 hours at 20 ± 5 °C temperature and 50 ± 20 % relative humidity.

**Requirements**

BS 5852-1:1979, clauses 9.2 and 9.4.

**Test results**

| Application | Flaming | Progressive smouldering | Final examination (clause 9.4) | Comments | Result |
|-------------|---------|-------------------------|--------------------------------|----------|--------|
| N. 1        | No      | No                      | Pass                           | /        | Pass   |
| N. 2        | No      | No                      | Pass                           | /        | Pass   |

The uncertainty of measurement of time extended to a confidence level of 95% (coverage factor k = 2), is ± 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.

*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 Graven

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