

TEST REPORT

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Sample name: ILPOFLEX BS

ILPO S.R.L.
VIA FRIULI 1-3 - OSTERIA GRANDE
40024 CASTEL SAN PIETRO TERME (BO)
ITALIA

Ignitability of upholstered composites for seating BS 5852-2:1982 (Crib 5)

The test has been carried in accordance with BS 5852-2:1982 revised according to Regulation UK S.I. No. 1324:1988/Amd 2358:1989/Amd 207:1993/Amd 2205:2010 (Schedule 1 Part I) (ignition source n. 5).

Description of the filling material as declared by the client

Cover material (supplied by Laboratory)

Flame retardant 100 % polyester fabric, mass per unit area 220 g/m² ± 5 % (Schedule 1 - Part I).

Filling material

Polyurethane foam ILPOFLEX BS produced by ILPO SRL Company, density 66 kg/m³.

Conditioning

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

Requirements

BS 5852-2:1982, Punti 4.1 and 4.2 amended by Schedule 1 - Part I.

Test results

Application	Duration of flames	Duration of smouldering	Other requirements of Clauses 4.1. and 4.2	Comments	Result
N. 1	4 min 52 s	2 min 41 s	Pass	Surface fusion	Pass (P5)
N. 2	5 min 32 s	3 min 43 s	Pass	Surface fusion	Pass (P5)

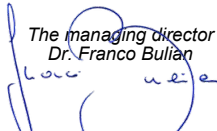
Note: times recorded from start of test.

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 upholstery composites under the particular conditions of test; they are not intended as a means of assessing the fully potential fire hazard of the materials in use.

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian



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