

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 out in accordance with The Furniture and Furnishings (Fire) (Safety) Regulations 1988 n° 1324, amended 1989, 1993 and 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 S.r.l. Company, density 53 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	3 min 43 s	3 min 11 s	Pass	/	Pass (P5)
N. 2	4 min 04 s	3 min 18 s	Pass	/	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 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 Giavon

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