

DETAILS OF TEST RESULTS

Test executed according to BS 5852:Part1:1979 (Ref. Schedule 4, Part 1 'The Cigarette Test' of Furniture and Furnishing (Fire) (Safety) Regulations 1988 S.I. 1324 and next amendments):

Fire test for furniture

Part 1. Methods of test for the ignitability by smokers' materials of upholstered composites for seating

Ignition source: SMOULDERING CIGARETTE

Sample description: **MAIA FR**

Conditioning of test specimen and ignition source: **20 5 °C, 50 20 % r.h.**

Testing temperature and r.h.: **20°C, 39% r.h.**

Filling specification: **non fire-retardant polyurethane foam with a density of 21 kg/m³**

Sample pre-treatment: **sample wasn't subjected to any pretreatment, as required by the customer**

Specimen number	1	2
Time of flaming from placement of the source (min)	0	0
Time of progressive smouldering from placement of the source (min)	25	27
Sample melting (YES/NO)	NO	NO
Sample dripping (YES/NO)	NO	NO
Sample charring (YES/NO)	YES	YES
Progressive smouldering observed after the final examination (YES/NO)	NO	NO
CIGARETTE TEST RESULT (PASS/FAIL)	PASS	PASS

The following test result 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 material in use.

The probability that the criteria represent the true observation is equal to 95%.

The expanded uncertainty is calculated by multiplying the combined standard uncertainty for a coverage factor $k = 2$, which for a normal distribution leads to a confidence level of approximately 95%.

Technical Head

Enrica Baldini

