

TEST CERTIFICATE

No. F20243/4

Testing to BS 5852 : 2006, Methods of Test for the Assessment of the Ignitability
of Upholstered Seating by Smouldering and Flaming Ignition Sources**SAMPLE INFORMATION**

Client **Mario Sirtori S.p.A. Via Papa Giovanni XXIII
Via Papa Giovanni XXIII, 10, 23845 - Costamasnaga (LC) - Italy**

Sample type **Fabric**

Details supplied by the client **Tundra 01/R, 42% VI, 36% CO, 16% PC, 6% PL**

Fabric weight **Approximately 1009 g/m²**

Dimensions **150cm by 146cm (Full width)**

Date received **24/6/2020**

Pre-treatment **Water soaking & Drying according to Annex E.**

Conditioning **BS 5852 : 2006, Clause 10.**

TESTING

Following the pre-treatment described above, the material was conditioned and tested according to **BS 5852 : 2006, Methods of Test for the Assessment of the Ignitability of Upholstered Seating by Smouldering and Flaming Ignition Sources, Clause 11, using Ignition Source 5.**

The following results relate only to the ignitability of the combinations of upholstery composites (Clause 11) under the particular condition of test stated; they are not intended as a means of assessing the full potential fire hazard of the item in use.

COMBINATION OF MATERIALS

The sample was tested over combustion modified foam with a density of 36 kg/m³, Carpenter RX36125.

RESULTS

Specimen number	1	2
Duration of flaming of ignition source (min)	2'37	3'02
Duration of flames (min)	5'25	6'47
Duration of smoke (min)	<10'00	<10'00
Extent of damage of horizontal component		
- width (mm)	213	219
- length (mm)	93	97
- depth (mm)	34	38
Extent of damage of vertical component		
- width (mm)	206	230
- depth (mm)	30	43
Progressive smouldering >100mm from ignition source	No	No
Result	Pass	Pass

CONCLUSION

Since both specimens showed non-ignition, the combination of materials is designated as BS 5852 : 2006, Rating NI5. This Rating represents a Pass for Crib 5.



Mr J Firth
Technical Manager

U or UU indicates a test result within our estimate of uncertainty of the specification limit - see the report appendix for more information.
#=Subcontracted to a UKAS accredited Test House. The results on this test report only relate to the specimens tested above.

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END OF REPORT

U or UU indicates a test result within our estimate of uncertainty of the specification limit - see the report appendix for more information.
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