

**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/m<sup>2</sup>**

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/m<sup>3</sup>, Carpenter RX36125.

**RESULTS**

<b>Specimen number</b>	<b>1</b>	<b>2</b>
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
<b>Result</b>	<b>Pass</b>	<b>Pass</b>

**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.

**TFT**  
(Ilkley) Ltd.

**The Sidings Business Park, SKIPTON, North Yorkshire, BD23 1TB**  
**Phone or Fax 01756 792525**

Office: 30 Alexandra Crescent, ILKLEY, West Yorkshire, LS29 9ER, Phone or Fax 01943 603459

Reg. No. 3168606, VAT No. 659 9604 77



END OF REPORT

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