



Confidential Report

Our Ref: 23/58498A/04/21





Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
Telephone: +44 (0) 113 259 1999
Email: info@bttg.co.uk
: www.bttg.co.uk

Date: 10 May 2021

Our Ref: 23/58498A/04/21
Your Ref: ---

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Client: **Limonta SpA**

Via C. Battisti. 15
23845 Costamasnaga
Lecco
Italy

Job Title: Fire Test on One Fabric Sample

Clients Order Ref: --

Date of Receipt: 29 April 2021

Date Test Started: 06 May 2021

Description of Sample: One sample of fabric, which was referenced by the client as;

Newhubble, stated to be 100% PP

Work Requested: We were asked to make the following fire test:

Schedule 4, Part 1, "The Cigarette Test"

- * subcontracted test, UKAS accredited
- ** subcontracted test, EN ISO/IEC 17025 accredited
- *** not UKAS accredited

Note: This report relates only to the samples submitted and as described in the report.



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Testing to Schedule 4, Part 1, “The Cigarette Test” of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 No. 132 SI No. 1324 (as amended by SI 1989 No. 2358, SI 1993 No. 207 & SI 2010 No. 2205), using BS 5852: Part 1: 1979

Pre-Treatment

None.

Conditioning

All materials used were conditioned in the environment specified in Clause 7 of BS 5852: Part 1: 1979 “Methods of test for the ignitability by smokers materials of upholstered composites for seating.”

Testing

The material was tested according to BS 5852: Part 1: 1979 “Methods of test for the ignitability by smokers materials of upholstered composites for seating.”

The results of BS 5852: Part 1: 1979 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 materials in use.



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Results of Cigarette Test – Source 0

The sample was tested over approximately 22-24 Kg/m³ combustion modified polyurethane foam.

Measurements: ± 2 mm

Timings: ± 2 seconds

Specimen No.	1	2
Time of Ignition (min)	--	--
Time of Flame Extinction (min)	26	26
Time to cover split (min)	DNO	DNO
Melting	No	No
Dripping	No	No
Charring	Yes	Yes
Progressive smouldering on final inspection	No	No

Requirements - No flaming or progressive smouldering within a period of 1 hour from placement of the cigarette.

Result of the Cigarette Test: Pass

Acronyms

DNP – Did not propagate

EC – Escalating combustion

ME – Manually extinguished

ES – Escalating smouldering

DNS – Material did not split

BTE – Burnt to extremities

DNO – Did not observe time of event



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Conclusion

The sample meets the flammability requirements of Schedule 4, Part 1, "The Cigarette Test" of the Furniture and Furnishings (Fire) (Safety) Regulation 1988 (as amended) S.I. No. 1324.

Reported by:  B Bland, Technical Customer Service Officer

Countersigned by:  P Doherty, Manager

Enquiries concerning this report should be addressed to Customer Services.



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