

# **Confidential Report**

## Our Ref: 23/61220A/07/23





TESTING • CERTIFICATION • AUDITING	Date: 24 July Our Ref: 23/61220A/ Your Ref:	/07/23 
Client:	Page: Vita Cellular Foams UK Ltd	1 of 3
	Oldham Road Middleton Manchester M24 2DB	
Job Title:	Fire Test on One Foam Sample	
Clients Order Ref:	0001017289	
Date of Receipt:	14 July 2023	
Date Test Started:	20 July 2023	
Description of Sample:	One sample of foam, which was referenced by the client as; RF30 105 Ref. 210623	
Work Requested:	We were asked to make the following fire test: Schedule 1 Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations Ignitability test for foam.	1988,

subcontracted test, UKAS accredited

subcontracted test, EN ISO/IEC 17025 accredited \*\*

\*\*\* not UKAS accredited

Note: This report relates only to the items tested.

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

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Schedule 1 Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (as amended by SI 1989 No. 2358, SI 1993 No. 207 & SI 2010 No. 2205), Ignitability test for foam.

### Conditioning

All materials used were conditioned in the environments specified in Clause 5 of BS 5852: 1990 Methods of test for the ignitability of upholstered composites for seating by flaming sources.

#### Testing

The material was tested according to BS 5852: Part 2: 1982. Methods of test for the ignitability of upholstered composites for seating by flaming sources against Ignition Source 5 under a cover fabric corresponding to the standard FR polyester woven fabric specified in the above regulations.

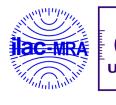
It should be noted that the results of BS 5852: Part 2: 1982 relate only to the ignitability of the combination of materials under test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

### Results

Specimen No.	1	2
Initial mass of assembly (g)	6034	6053
Final Mass of assembly (g)	5993	6013
Mass loss (g)	41	40
Flaming Duration (mins/secs	4.05	3.46
Smouldering Duration (mins/secs)	8.01	7.42

Criteria:

mass loss is less than 60g. flaming duration is less than 10 mins smouldering duration is less than 60 mins



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#### Conclusion

The foam meets the requirements of Schedule 1 Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended) S.I. No. 1324.

Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our Policy we have used a non-binary decision rule.

See our decision rules Policy (<u>https://www.bttg.co.uk/about-us/decision-rules-policy/</u>) for further information.

#### **Uncertainty Budget**

Timings: Weights:	±2 seconds. ±2g.	
Reported by:	<u>A</u> <u>A</u>	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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