

Confidential Report

Our Ref: 23/62728F/12/24





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>

BETTG	Date: 06 January 2025 Our Ref: 23/62728F/12/24 Your Ref: 1018246 Page: 1 of 3	
Client:	Vita Cellular Foams (UK) Limited	
	Oldham Road Middleton Manchester M24 2DB	
Job Title:	Fire Test on One Foam Sample	
Clients Order Ref:	1018246	
Date of Receipt:	20 December 2024	
Date Test Started:	06 January 2025	
Description of Sample:	One sample of foam, which was referenced by the client as;	
	RF40 145, REF-111224	
Work Requested:	We were asked to make the following fire test:	
	Schedule 1 Part 1 of the Furniture and Furnishings (Fire) (Safety) Regulations 1988, Ignitability test for foam.	
	 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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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.

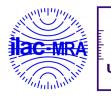
It should be noted that the results of BS 5852: Part 2: 1982 relate only to the ignitability of the combination of materials under test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Results

Specimen No.	1	2
Initial mass of assembly (g)	6336	6311
Final Mass of assembly (g)	6302	6283
Mass loss (g)	34	28
Flaming Duration (mins/secs	3.35	4.46
Smouldering Duration (mins/secs)	8.04	8.34

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:	Ruals	R Walls, Laboratory Technician	
Countersigned by:	6.J. (-	B Bland, Technical Customer Service Office	er

Enquiries concerning this report should be addressed to Customer Services.



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