

Confidential Report

Our Ref: 23/62986A/03/25





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BTTG		4 April 2025 23/62986A/03/25
TESTING • CERTIFICATION • AUDITING	Your Ref:	1018464
	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:	1018464	
Date of Receipt:	20 March 2025	
Date Test Started:	3 April 2025	
Description of Sample:	One sample of foam, which was referenced by the client as; RF36 105	
Work Requested:	We were asked to make the following fire test:	
	Schedule 1 Part 1 of the Furniture and Furnishings (Fire) (Safety) I Ignitability test for foam.	Regulations 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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4 April 2025	Date:
23/62986A/03/25 1018464	Our Ref: Your Ref:
2 of 3	Page:

Client:

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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.

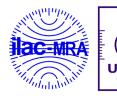
It should be noted that the results of BS 5852: Part 2: 1982 relate only to the ignitability of the combination of materials under test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Results

Specimen No.	1	2
Initial mass of assembly (g)	6098	6063
Final Mass of assembly (g)	6068	6028
Mass loss (g)	30	35
Flaming Duration (mins/secs	3.31	3.02
Smouldering Duration (mins/secs)	6.48	7.14

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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4 April 2025	Date:
23/62986A/03/25 1018464	Our Ref: Your Ref:
3 of 3	Page:

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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:±2 seconds.Weights:±2g.

Reported by:	Rwalls	R Walls, Laboratory Technician
Countersigned by:		P Doherty, Manager

Enquiries concerning this report should be addressed to Customer Services.

