

Confidential Report

Our Ref: 23/62081E/05/24





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>

TESTING • CERTIFICATION • AUDITING	Date: 24 May Our Ref: 23/62081E/0 Your Ref: 101	
	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:	1017834	
Date of Receipt:	16 May 2024	
Date Test Started:	24 May 2024	
Description of Sample:	One sample of foam, which was referenced by the client as;	
	FE30 105 ref-090424	
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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24 May 2024	Date:
23/62081E/05/24 1017834	Our Ref: Your Ref:
2 of 3	Page:

Client:

Vita Cellular Foams (UK) Limited

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.

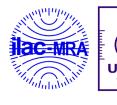
It should be noted that the results of BS 5852: Part 2: 1982 relate only to the ignitability of the combination of materials under test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Results

Specimen No.	1	2
Initial mass of assembly (g)	6317	6067
Final Mass of assembly (g)	6279	6031
Mass loss (g)	38	36
Flaming Duration (mins/secs	3.28	3.11
Smouldering Duration (mins/secs)	6.57	6.59

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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24 May 2024	Date:
23/62081E/05/24 1017834	Our Ref: Your Ref:
3 of 3	Page:

Client:

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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:	Rwalls	R Walls, Laboratory Technician
Countersigned by:	6 A.	B Bland, Technical Customer Service Officer

Enquiries concerning this report should be addressed to Customer Services.



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