



Confidential Report

Our Ref: 23/61557J/11/23





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

Date: 14 November 2023

Our Ref: 23/61557J/11/23
Your Ref: ---

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: 0001017516

Date of Receipt: 10 November 2023

Date Test Started: 14 November 2023

Description of Sample: One sample of foam, which was referenced by the client as;
4CM 241023

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.



1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.
BTTG® and Shirley® are trade names of Shirley Technologies Ltd.
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2023 Shirley Technologies Limited. All rights reserved.



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

Date: 14 November 2023

Our Ref: 23/61557J/11/23
Your Ref: ---

Page: 2 of 3

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)	6847	6945
Final Mass of assembly (g)	6813	6908
Mass loss (g)	34	37
Flaming Duration (mins/secs)	4.17	3.39
Smouldering Duration (mins/secs)	7.03	7.26

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



1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.
BTTG® and Shirley® are trade names of Shirley Technologies Ltd.
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2023 Shirley Technologies Limited. All rights reserved.



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

Date: 14 November 2023

Our Ref: 23/61557J/11/23
Your Ref: ---

Page: 3 of 3

Client: Vita Cellular Foams (UK) Limited

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

Uncertainty Budget

Timings: ± 2 seconds.
Weights: $\pm 2g$.

Reported by:  R Walls, Laboratory Technician

Countersigned by:  B Bland, Technical Customer Service Officer

Enquiries concerning this report should be addressed to Customer Services.



1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.
BTTG® and Shirley® are trade names of Shirley Technologies Ltd.
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2023 Shirley Technologies Limited. All rights reserved.