



Confidential Report

Our Ref: 24/03319B/11/22



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: 5 December 2022

Our Ref: 24/03319B/11/22

Your Ref: ---

Page: 1 of 4

Client:

Camira Fabrics Ltd

The Watermill
Wheatley Park
Mirfield
West Yorkshire
WF13 8HE

Job Title:

Determination of Surface Resistivity on One Sample of Fabric

Clients Order Ref:

83A20165

Date of Receipt:

28 November 2022

Description of Sample:

One sample of fabric, referenced; Hi-Tech / 503645 / HAS078 Anthracite.

Work Requested:

We were asked to make the following test(s):

EN 61340-5-1

- * 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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Our laboratories are accredited to EN ISO/IEC 17025.



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Page: 2 of 4

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Determination of Surface Resistivity (***)

The sample was conditioned and tested at 23 ± 1 °C and 25 ± 5 % r.h.

Surface resistivity was measured in accordance with the procedures specified in BS EN 61340-5-1: 2001 Annex A4. The electrodes used to measure surface resistivity were as specified in EN 61340-5-1 Annex A.4.

Results

	<u>Surface Resistivity (Ω)</u>	
	<u>Face Surface</u>	<u>Reverse Surface</u>
	4.3×10^6	1.5×10^6
	4.7×10^6	1.9×10^6
	4.0×10^6	1.6×10^6
	5.2×10^6	1.2×10^6
	4.6×10^6	1.8×10^6
Mean:	4.6×10^6	1.6×10^6

Note

The requirement specified in Table 1 of BS EN 61340-5-1 for seating is that the resistance to groundable point shall not exceed $10^{10} \Omega$. The results indicate that the fabrics tested should be capable of meeting this requirement if properly incorporated into seating.

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.



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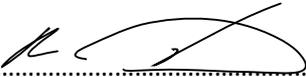
Date: 5 December 2022

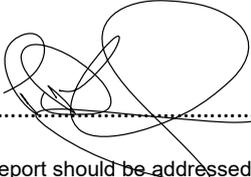
Our Ref: 24/03319B/11/22

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Page: 3 of 4

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Reported by:  K Pillinger, Senior Laboratory Technician

Countersigned by:  P Doherty, Manager

Enquiries concerning this report should be addressed to Customer Services.



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Page: 4 of 4

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Uncertainty Budget

The overall uncertainty budget for BS EN 61340-5-1:2016 is as follows:-

9% at 2.5×10^9 Ohms