



TESTING • CERTIFICATION • AUDITING

Confidential Report

Our Ref: 24/02626/03/18



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

Date: 12 March 2018
Our Ref: 24/02626/03/18
Your Ref:
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Client:

XM Textiles
Darius ir Gireno 42A
Office 510
Vinius
LT-02189
Lithuania

Job Title:

Point to Point Resistance Test on One Sample of Fabric

Client's Order No:

Date of Receipt:

02 March 2018

Description of Sample(s):

Product: One Sample of fabric
Code: 98% Polyester, 2% Antistatic, 110gsm, Plain 1/1
Article: 98P/2AS-110
Colour: CleanStatic-110
Part Number: Blue
Roll Number: XMT-17-135
#1

Work Requested:

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

BS EN 61340-5-1:2016

- * subcontracted test, UKAS accredited
- ** subcontracted test, EN ISO/IEC 17025 accredited
- *** not UKAS accredited



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Determination of Point to Point Surface Resistance (***)

The sample was washed five times in a Wascator Machine (Type A1), using reference detergent 3, in accordance with BS EN ISO 6330:2012 (ISO 6330: 2012). The washing conditions were as follows:

| | |
|--|--|
| Number of washes: | five consecutive |
| Washing procedure and temperature: | 6N at $60 \pm 3^{\circ}\text{C}$ |
| Drying procedure: | F - Tumble dry (normal) (Type A1 Vented) |
| Total air-dry mass of the specimens and ballast: | 2.03 kg |
| Type of ballast used: | Type III, 100% polyester |

After drying, the sample was conditioned and tested at $23 \pm 3^{\circ}\text{C}$ and both $12 \pm 3\% \text{rh}$ and $50 \pm 5\% \text{rh}$

Surface resistance (point-to-point) was measured in accordance with the procedures specified in IEC 61340-4-9. The electrodes used to measure point-to-point surface resistance were the 2.5 inch diameter, 5 lb mass electrodes specified in NFPA 99:1996.

| | <u>Surface Resistance (Point-to-Point) Ω</u> | |
|-------|--|-------------------|
| | <u>12% rh</u> | <u>50% rh</u> |
| | 6.6×10^5 | 6.8×10^5 |
| | 6.9×10^5 | 5.9×10^5 |
| | 6.5×10^5 | 6.4×10^5 |
| | 6.8×10^5 | 6.3×10^5 |
| | 7.4×10^5 | 6.7×10^5 |
| Mean: | 6.8×10^5 | 6.4×10^5 |

Note

The requirement specified in Table 3 of BS EN 61340-5-1:2016 for garments is that the point to point resistance shall be $<1 \times 10^{11} \Omega$. The results indicate that the fabric tested meets the requirements.



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Reported by:..... ..... K Pillinger, Laboratory Technician

Countersigned by:..... ..... P Doherty, Operational Head

Enquiries concerning this report should be addressed to Customer Services.

