Shirley Technologies Limited

Confidential Report

Our Ref: 29/00291B/09/13

Shirley Technologies Limited
Wira House
West Park Ring Road
Leeds, LS16 6QL
United Kingdom

Tel: +44 (0)113 274 3434
Fax: +44 (0)113 274 8344
Web: http://www.shirleytech.com
Email: info@shirleytech.co.uk

31 October 2013

Our Ref:	29/00291B/09/13
Your Ref:	
Client:	Gudbrandsdalens Uldvarefabrik as
Address:	N-2626 Lillehammer Norway
Job Title:	Determination of Abrasion Resistance on One Sample
Client's Order Ref:	
Date of Receipt:	23 September 2013
Description of Sample(s):	One full width sample of woven fabric referenced by the Client:- **Quality 9419**
Work Requested:	EN ISO 12947 abrasion

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Testing atmosphere: Unless otherwise specified the sample(s) has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles (BS EN ISO 139:2005 + A1:2011) of 65±4% r.h. and 20±2°C.

Determination of the Abrasion Resistance of Fabrics by the Martindale Method – Determination of Specimen Breakdown

Date of test start: 14.10.13. Four specimens from the sample were tested, under a nominal pressure of 12 kPa(795±7g) in accordance with BS EN ISO 12947-2:1998, using a Martindale abrasion tester as described in BS EN ISO 12947-1:1998.

The reference abradant was mounted over woven backing felt and specimen breakdown (end point) was reached when two separate threads had completely broken. The change of shade of the test specimens was not assessed. The tested specimens are enclosed.

No. of rubs to end point
37,000
48,000
39,000
37,000
mean: 40,500

Reported by: ..... L I Butler (Mrs)
Senior Technician – Textiles

Countersigned by: ..... J M Bullers (Mrs)
Operational Head – Textiles