West Yorkshire Materials Testing Service

PO Box 5, Morley, LS27 0QP
Nepshaw Lane South, Morley, Leeds
Tel 0113 253 0241 Fax 0113 252 7029
Head of Laboratory G. Briggs C. Text ATI

Client:	Gabriel Hjulmagervej 55 Postbox 59 DK-9100 Aalborg Denmark
Entry No:	37722-03
Date Received:	10th February 2009
Client's Description:	Sample of Fabric Art. Runner Col. 60999 Black

TEST REPORT

Tests Required:	(i) Abrasion, Pilling and Tensile Strength (ii) Colour Fastness to Light and Rubbing
Date of Tests:	11.2.09 to 9.3.09
Conditioning:	24 hours at 65 +/- 4% Relative Humidity, 20 +/- 2ºC where required
Abrasion:	BS EN ISO 12947-2 : 1999

The tests were carried out using a pressure of 12 +/- 0.3 kPa.
The criterion for judging end point was breakdown of the outer surface.

Specimen 1	70,000 to 80,000 rubs
Specimen 2	70,000 to 80,000 rubs
Specimen 3	70,000 to 80,000 rubs
Specimen 4	70,000 to 80,000 rubs
Mean	70,000 to 80,000 rubs

Pilling: BS EN ISO 12945-2 : 2000
Load 415 g

After 2,000 rubs:-	5
After 5,000 rubs:-	5

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This is hereby certified to be a correct return of the tests made of the items referred to herein.

G Briggs
Head of Laboratory
11th March 2009

UKAS TESTING
1104

- Unless instructed otherwise by the client sample remnants will be disposed of after 28 days
- Test marked (*) in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
- Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.

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Client: Gabriel
Hjulmagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 37722-03

Tensile Strength: BS EN ISO 13934-1 : 1999

Warp	Weft
690N	850N

Light Fastness: BS EN ISO 105 – BO2 : 1999 Method 2

A specimen was exposed in a Xenotest together with standard references numbers 1-7. By comparison with the standard references the grading was found to be:- 6-7

Rubbing Fastness: BS EN ISO 105 – X12 : 2002

		Dry	Wet
Staining:-	Lengthway	4-5	4-5
	Widthway	4-5	4-5
Change in colour:-	Lengthway	5	5
	Widthway	5	5

Note: Change in colour is not a requirement of the test method but was carried out at the request of the client.

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11th March 2009

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