



TEST REPORT

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

Entry No: 106141A

Date received: 16/01/2019

Client's Description: Fabric Sample Savoy - Dark Grey col.60200 - 100% Trevira CS

Test Required: Abrasion, Pilling, Seam Slippage Colour fastness to Rubbing.

Conditioning: In accordance with BS EN ISO 139: 2005 for a minimum of 24 hours at 65+/-4%, Relative Humidity, 20+/-2°C

Date Tests Completed: 18/02/2019

Abrasion Resistance: BS EN ISO 12947-2: 2016^F

The tests were carried out using a pressure of 12 +/- 0.3 kPa
The criterion for judging end point was pile fully worn off.

No pile was lost at 35.000 rubs

Specimen 1	120,000 rubs
Specimen 2	110,000 rubs
Specimen 3	120,000 rubs
Specimen 4	140,000 rubs
Overall Result	110,000 rubs

Change in colour after 6,000 rubs: 4

Observation Technique: 10 fold magnification
Type of Fabric: Woven Pile

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

Claire Saville
Technologist
28th February 2019

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
 - ❖ Tests marked ^N in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
 - ❖ Tests marked ^F in this certificate are performed under the Laboratory's Flexible Scope of Accreditation.
 - ❖ Tests marked ^S in this certificate have been subcontracted to another ISO17025 Accredited Laboratory.
 - ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
 - ❖ Uncertainty budgets for test methods contained within this report are available on request.
- 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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Pilling: BS EN ISO 12945-2: 2000 Load 415g

	<u>Rating</u>
After 2,000 rubs	5
After 5,000 rubs	5

Seam Slippage: BS EN ISO 13936-2: 2004

	<u>Mean Seam opening</u>
Warp Way Seam	3 mm
Weft Way Seam	3 mm

Colour Fastness to Rubbing: BS EN ISO 105–X12: 2016^F

	<u>Staining</u>		<u>Change in Colour</u>	
	<u>Dry</u>	<u>Wet</u>	<u>Dry</u>	<u>Wet</u>
Warp Way	5	5	4-5	4-5
Weft Way	5	5	4-5	4-5

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

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Amended Report 106141A. This Report supersedes Test report 106141. Some of the results of the testing have been removed at the request of the client.