



TEST REPORT

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

Entry No: 111380A

Date received: 17/07/2019

Client's Description: Fabric sample Rondo 61200 Light Beige

Test Required: Abrasion, Pilling and Seam Slippage in accordance with BS EN 14465 and BS 2543: 2004 Colourfastness to Rubbing and Snagging^N

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: 06/08/2019

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 three threads broken

The Test was terminated after 40,000 rubs without an end point having been reached.

Specimen 1	100,000 rubs
Specimen 2	80,000 rubs
Specimen 3	100,000 rubs
Specimen 4	80,000 rubs
Overall Result	80,000 rubs

Change in colour after 6,000 rubs: 4-5

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

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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
3rd September 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

Snag Pod^N: BS 8479:2008

	<u>Grade After 2000 revs</u>
Warp	4-5
Weft	4-5

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	5	5
Weft Way	5	5	5	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 111380A.

This Report supersedes Test report 111380. This amended report has been produced in response to the client's request and following a product name change.