



TEST REPORT

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

Entry No: 103319

Date received: 25/10/2018

Client's Description: 1 Fabric Sample Spin 61149

Test Required: Colour Fastness to Water Spotting^s, Dimensional stability to Dry Cleaning^s, Stretch and recovery @ 27.5N and 100N^s

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: 31/10/2018

Colour Fastness to Water Spotting: BS EN ISO 105-E16:2007^s

Grade	
Inner circle of tested area:	5
Outer periphery of tested area:	4-5
Cross staining	na
Change in appearance	na

Dimensional Stability to Dry Cleaning: BS EN ISO 5077: 2008^s

Dry Cleaning Procedure: BS EN ISO 3175-2:2010^s

Length / Warp	-1.0%
Width / Weft	-0.5%

Note: a negative result indicates shrinkage.

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



Claire Saville
Technologist
31st October 2018

- ❖ 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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Stretch & Recovery: BS EN ISO 14704-1: 2005 Load 27.5N^s

Time @ full extension	1 Min & 30 Mins	
Length	1 Min	30 Mins
Average % Recovery	100%	100%
Average % Residual Extension	0%	0%
Average % Stretch	6.47%	
Width	1 Min	30 Mins
Average % Recovery	100%	100%
Average % Residual Extension	0%	0%
Average % Stretch	4.53%	

Stretch & Recovery: BS EN ISO 14704-1: 2005 Load 100N^s

Time @ full extension	1 Min & 30 Mins	
Length	1 Min	30 Mins
Average % Recovery	97%	98%
Average % Residual Extension	3%	2%
Average % Stretch	14%	
Width	1 Min	30 Mins
Average % Recovery	98.75%	99%
Average % Residual Extension	1.75%	1%
Average % Stretch	8%	

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