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The following sample(s) was/were submitted and identified on behalf of the client as:

<b>Sample Description</b>	:	Cura Loop Col 68186
<b>Customer</b>	:	<b>Gabriel; Hjulmagervej 55, DK, 9000 Aalborg</b>
<b>Submitted by</b>	:	Bente Ellingsoe
<b>Style Number</b>	:	Cura Loop Col 68186
<b>Colour</b>	:	None Given
<b>Product type</b>	:	None Given
<b>Fiber content</b>	:	None Given

Test Performed : Selected test(s) as requested by applicant  
 \* \* \* \* \*

Sample Receiving Date : 14<sup>th</sup> January 2025  
 Testing Period : 14<sup>th</sup> January 2025 – 29<sup>th</sup> January 2025  
 Test Result(s) : For further details, please refer to the following page(s).

**Conclusion:**

Test Property	Results	Test Property	Results
Colour Fastness to Light**	Data	Tear Strength	Data
Colour fastness to Dry Clean	Data	Tensile Strength	Data
Colour Fastness to Perspiration	Data	Elasticity of Fabrics	Data
Colour Fastness to Water	Data	Abrasion Resistance	Data
Colour Fastness to Rubbing Dry/Wet	Data	Pilling Resistance	Data
Colour Fastness to Rubbing (Foam Detergent)	Data	Seam Slippage	Data
Colour Fastness to Washing	Data	Snagging Resistance	Data
Dimensional Stability to Washing – 6M & 7N	Data	Dimensional Stability to Dry Cleaning*	Data

\* Not UKAS Accredited

\*\* Sent to in group Turkey accredited Testing Centre

**Signed for and on behalf of**  
**TÜV Rheinland UK LTD**

**Christopher**  
**Clarke**  
Chris Clarke  
Laboratory Supervisor

Digitally signed by  
Christopher Clarke  
Date: 2025.02.21  
11:25:06 Z



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Test result is drawn according to the kind and extent of tests performed.



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**Results:**

<b>Colour Fastness To Washing</b> BS EN ISO 105 C06: 2010 Washing Condition: A2S, 40°C With ECE(B) + Sodium Perborate, 10 Steel Balls.	
<b>Sample</b>	<b>Result</b>
<b>Colour Change</b>	4-5
<b>Self-Staining</b>	-
<b>Colour Staining</b>	<b>Result</b>
Acetate	4-5
Cotton	4-5
Polyamide	4-5
Polyester	4-5
Acrylic	4-5
Wool	4-5
Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good	

<b>Colour Fastness To Dry Cleaning</b> (BS EN ISO 105-D01: 2010)	
<b>Sample</b>	<b>Result</b>
<b>Colour Change</b>	4-5
<b>Self-Staining</b>	4-5
<b>Colour Staining</b>	<b>Result</b>
Acetate	4-5
Cotton	4-5
Polyamide	4-5
Polyester	4-5
Acrylic	4-5
Wool	4-5
Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good	

<b>Colour Fastness To Perspiration</b> (BS EN ISO 105-E04: 2013)		
<b>Sample</b>	<b>Result</b>	
	<b>Acid</b>	<b>Alkaline</b>
<b>Colour Change</b>	4-5	4-5
<b>Self-Staining</b>	4-5	4-5
<b>Colour Staining</b>	<b>Result</b>	<b>Result</b>
Acetate	4-5	4-5
Cotton	4-5	4-5
Polyamide	4-5	4-5
Polyester	4-5	4-5
Acrylic	4-5	4-5
Wool	4-5	4-5



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Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good
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<b>Colour Fastness To Water</b> (BS EN ISO 105-E01: 2013) test specimen in vertical position	
Sample	Result
Colour Change	4-5
Self-Staining	4-5
Colour Staining	Result
Acetate	4-5
Cotton	4-5
Polyamide	4-5
Polyester	4-5
Acrylic	4-5
Wool	4-5
Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good	

<b>Colour Fastness To Rubbing (Dry / Wet)</b> (BS EN ISO 105 X12 : 2016) Size of rubbing finger: 16mm diameter			
Sample	Result		
	Colour change of sample: 4-5		
	Warp		Weft
	Dry: 4-5		Dry: 4-5
	Wet: 4-5	% Soak: 100%	Wet: 4-5      % Soak: 100%

Colour Fastness To Rubbing (Foam Detergent)			
(BS EN ISO 105 X12 : 2016) Size of rubbing finger : 16mm diameter			
Sample	Result		
	Colour change of sample: 4-5		
	Warp		Weft
	Sample with Foam: 4-5		Sample with Foam: 4-5
		% Soak: 100%	

#### 1.Colour Fastness To Light

Test method : Colour Fastness to Light (BS/DIN/EN/ISO 105-B02, Method 2 - Modified)

Apparatus : Xenon-arc lamp

M001

Requirement

Exposure

8+

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Remark : Up to Grade 8



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<b>Tear Strength</b> (BS EN ISO 13937-3:2000)	
<b>Direction</b>	<b>Mean Maximum Force</b>
Warp	123.0 N
Weft	105.3 N

<b>Tensile Strength</b> (BS EN ISO 13934-1:2013)	
	<b>Result</b>
Warp	Maximum Force: 2239.9 N Elongation at Maximum Force: 52.2% Elongation at 150 N: 13.7%
Weft	Maximum Force: 2011.7 N Elongation at Maximum Force: 47.7% Elongation at 150 N: 11.7%

<b>Elasticity of fabrics</b> (BS EN ISO 20932-1:2020) Strip sample					
<b>Sample</b>	<b>Result</b>				
	Elongation at 27.5N (%)	Un-recovered Elongation at 1 mins (%)	Un-recovered Elongation at 30 mins (%)	Recovered Elongation at 1 mins (%)	Recovered Elongation at 30 mins (%)
Warp	12.3	0.0	0.0	100.0	100.0
Weft	9.8	0.0	0.0	100.0	100.0



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**Snagging Resistance (Rotating Chamber Method)**

(BS 8479:2008)  
2000 Revolutions

**Grade**

Length: 3-4

Width: 3-4

Grade Type: A

Remark :

**Grading**

5 = No snags or other surface defects

4 = Snags or other surface defects in isolated areas

3 = Snags or other surface defects partially covering the surface

2 = Snags or other surface defects covering a large proportion of the surface

1 = Snags or other surface defects covering the entire surface

**Classification system for surface defects**

A = Snagging

B = Protrusions

C = Indentations

D = Shiners, pulled threads or other distortions of the fabric structure, occurring in close proximity to snag loops and/or not associated with any snag loop

E = Visible defects due to colour contrasts

F = Filamentation

G = Any other defects specific to the fabric type and which detract from the original surface appearance

X = No visible surface defects

**Abrasion Resistance**

(BS EN ISO 12947-2:2016/AC:2006 according to BS EN 14465); Martindale Wear & Abrasion Tester; 12 kPa Pressure)

**Result**

	<b>Specimen 1</b>	<b>Specimen 2</b>	<b>Specimen 3</b>
No Three Thread Breakdown	200,000	200,000	200,000
Overall	200,000		
Colour Change At 3000 (rubs)	4-5	4-5	4-5

Remarks: Grey Scale Rating is based on the step scale of 1 to 5, where 1 is bad and 5 is good

Observation Technique:40 fold magnification



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**Pilling Resistance**

(BS EN ISO 12945-2:2020; Martindale Abrasion & Pilling Tester; Total Load Applied 415g, tested against wool abradent fabric)

No cleansing required

Sample	Average Result
After 2000 Rubs Rating	Fuzzing: 4-5 Pilling: 4-5 Matting: 4-5
After 5000 Rubs Rating	Fuzzing: 4-5 Pilling: 4-5 Matting: 4-5

**Seam Slippage**

(BS EN ISO 13936-2:2004)

Sample	Result
Warp	2.8 mm
Weft	2.3 mm

**Dimensional Change After Commercial Dry Cleaning**

(Commercial dry clean cycle)

Direction	%Change
Warp	-0.3
Weft	0.0
Appearance After Dry Cleaning	No Obvious Changes

**Dimensional Change After Washing**

BS EN ISO 6330: 2021 – 6M @ 60°C Flat Dry

Direction	%Change
Warp	-1.4
Weft	-1.5
Appearance After Washing	No Obvious Changes



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**Dimensional Change After Washing**

BS EN ISO 6330: 2021 – 7N @ 70°C Flat Dry

Direction	%Change
Warp	-1.4
Weft	-2.0
Appearance After Washing	No Obvious Changes

-End of Test Report-