

<b>Test Report</b>	<b>No. 28513228</b>	<b>Date: 23<sup>rd</sup> January 2023</b>	<b>Page 1 of 4</b>
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The following sample(s) was/were submitted and identified on behalf of the client as:

<b>Sample Description</b>	:	Umber
<b>Customer</b>	:	<b>Gabriel</b>
<b>Address</b>	:	Hjulgagervej 55, DK, 9000 Aalborg
<b>Submitted by</b>	:	Bente Ellingsoe
<b>Colour</b>	:	61265
<b>Product type</b>	:	Upholstery fabric
<b>Fiber content</b>	:	-

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

Sample Receiving Date : 10<sup>th</sup> January 2023

Testing Period : 10<sup>th</sup> January 2023 – 23<sup>rd</sup> January 2023

Test Result(s) : For further details, please refer to the following page(s).

**Conclusion:**

Test Property	Results	Test Property	Results
Tensile	-	Colour fastness to Rubbing (wet / dry)	-
Elasticity of Fabrics	-	Colour fastness to Rubbing (Organic Solvents)	-
Tear	-	Colour Fastness to Water	-
Colour Fastness to Dry Clean	-	Colour Fastness to Water Spotting	-
Colour Fastness to Perspiration.	-	Colour Fastness to Rubbing (Foam Detergent)	-

Signed for and on behalf of  
TÜV Rheinland UK LTD



Digitally signed  
by Dathan Stone  
Date: 2023.01.23  
10:11:47 Z

**Dathan Stone**  
**Senior Laboratory Technician**



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*Test result is drawn according to the kind and extent of tests performed.  
Without permission of the test centre this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products. This test report represents the test parameters as requested by the customer based on submitted samples only.*



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**Results:**

<b>Colour Fastness To Dry cleaning</b> (BS EN ISO 105-D01: 2010)	
Sample	Result
Colour Change	5
Self-Staining	5
Colour Staining	Result
Acetate	5
Cotton	5
Polyamide	5
Polyester	5
Acrylic	5
Wool	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)		
Sample	Result	
	Acid	Alkaline
Colour Change	5	5
Self-Staining	5	5
Colour Staining	Result	Result
Acetate	5	5
Cotton	5	5
Polyamide	5	5
Polyester	5	5
Acrylic	5	5
Wool	5	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 Water</b> (BS EN ISO 105-E01: 2013) test specimen in vertical position	
Sample	Result
Colour Change	5
Self-Staining	5
Colour Staining	Result
Acetate	5
Cotton	5
Polyamide	5
Polyester	5
Acrylic	5
Wool	5

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 Rubbing</b> (BS EN ISO105-X12:2016); Size of rubbing finger: 16mm diameter			
<b>Sample</b>	<b>Result</b>		
	<b>Warp</b>		<b>Weft</b>
	Dry: 5		Dry: 5
	Wet: 5	% Soak: 100%	Wet: 5   % Soak: 100%

<b>Colour Fastness To Rubbing (Foam Detergent)</b> (BS EN ISO105-X12:2016); Size of rubbing finger: 16mm diameter			
<b>Sample</b>	<b>Result</b>		
	<b>Warp</b>		<b>Weft</b>
	Dry: -		Dry: -
	Wet: 5	% Soak: 100%	Wet: 5   % Soak: 100%

<b>Seam Slippage</b> (BS EN ISO 13936-2:2004)	
<b>Sample</b>	<b>Result</b>
Warp	1.0(mm)
Weft	1.4(mm)

<b>Tear Strength</b> (BS EN ISO 13937-3:2000)	
<b>Direction</b>	<b>Mean Maximum Force</b>
Warp	75.0 N
Weft	96.0 N

<b>Tensile Strength</b> (BS EN ISO 13934-1:2013)	
	<b>Result</b>
Warp	982.9 N
Weft	860.5 N

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<b>Elasticity of fabrics</b> (BS EN ISO 14704-1) Strip sample					
Sample	Result				
	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	6.08	0.0	0.0	100	100.00
Weft	4.57	0.0	0.0	100	100.00

<b>Colour Fastness To Water Spotting</b> (BS EN ISO105-E16:2007)		
Sample	Result	
	Shade change Centre	5
	Shade change Periphery	5

<b>Colour Fastness To Rubbing – Organic Solvents</b> (BS EN ISO105-D02:2016)		
Sample	Result	
	Length	Width
Change in shade	4-5	4-5
Staining	4-5	4-5
<b>Solvent used: Perchloroethylene</b>		

-End of Test Report-