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

| | | |
|---------------------------|---|--|
| Sample Description | : | Nobel col.60350 |
| Customer | : | Gabriel |
| Address | : | Hjulmagervej 55, DK, 9000 Aalborg |
| Colour | : | Col.60350 |
| Product type | : | Upholstery fabric |
| Fiber content | : | - |

Test Performed * : Selected test(s) as requested by applicant *
 Sample Receiving Date : 18th May 2023
 Testing Period : 18th May 2023 – 1st June 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 (Organic Solvents) | - |
| Elasticity of Fabrics | - | | |
| Tear | - | | |
| Colour fastness to Dry Clean | - | | |
| Colour fastness to Perspiration | - | | |
| Colour fastness to Water | - | | |
| Colour Fastness to Rubbing (Foam Detergent) | - | | |
| Colour Fastness to Water Spotting | - | | |

Signed for and on behalf of
TÜV Rheinland UK LTD



Digitally signed
by Dathan Stone
Date: 2023.06.01
16:50:55 +01'00'

Dathan Stone
Laboratory Team Leader



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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:

| Colour Fastness To Dry cleaning (BS EN ISO 105-D01: 2010) | |
|---|--------|
| Sample | Result |
| Colour Change | 5 |
| Self-Staining | 5 |
| Colour Staining | Result |
| Acetate | 5 |
| Cotton | 5 |
| Polyamide | 4-5 |
| Polyester | 4-5 |
| 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

| Colour Fastness To Perspiration (BS EN ISO 105-E04: 2013) | | |
|---|--------|----------|
| Sample | Result | |
| | Acid | Alkaline |
| Colour Change | 5 | 5 |
| Self-Staining | 5 | 5 |
| Colour Staining | Result | Result |
| Acetate | 4-5 | 4-5 |
| Cotton | 5 | 5 |
| Polyamide | 4-5 | 4-5 |
| Polyester | 4-5 | 4-5 |
| 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

| Colour Fastness To Water (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 | 4-5 |
| Polyamide | 4-5 |
| 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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| | | | |
|--|---------------|---------------------|-----------------------------------|
| Colour Fastness To Rubbing (Foam Detergent) (BS EN ISO105-X12:2016); Size of rubbing finger: 16mm diameter | | | |
| Sample | Result | | |
| | Warp | | Weft |
| | Dry: 5 | | Dry: 5 |
| | Wet: 5 | % Soak: 100% | Wet: 5 % Soak: 100% |

| | |
|--|---------------------------|
| Tear Strength (BS EN ISO 13937-3:2000) | |
| Direction | Mean Maximum Force |
| Warp | 128.2 N |
| Weft | 112.4 N |

| | |
|---|---------------|
| Tensile Strength (BS EN ISO 13934-1:2013) | |
| | Result |
| Warp | 780.5 N |
| Weft | 683.5 N |

| | | | | | |
|--|-------------------------|---------------------------------------|--|------------------------------------|-------------------------------------|
| Elasticity of fabrics (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 | 3.3 | 0.0 | 0.0 | 100.00 | 100.00 |
| Weft | 6.6 | 0.0 | 0.0 | 100.00 | 100.00 |

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



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

-End of Test Report-