

Gabriel

Softlines

| Test Report | No. 28511310 | Date: 5 th March 2021 | Page 1 of 4 |
|-------------|--------------|----------------------------------|-------------|
|-------------|--------------|----------------------------------|-------------|

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

| Sample Description | : | Go Couture |
|--------------------|---|-------------------|
| Customer | : | Gabriel |
| Colour | : | 60093 |
| Product type | : | Upholstery fabric |
| Fiber content | : | - |

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

Sample Receiving Date : 11th January 2021

Testing Period : 11th January 2021 – 5th March 2021

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

Conclusion:

| Test Property | Results | Test Property | Results |
|---|------------------------|---|--|
| Dimensional Stability to Washing | - | Pilling | - |
| Colour fastness to Washing | - | Abrasion | - |
| Colour fastness to Perspiration | - | Colour fastness to Rubbing (Organic Solvents) | Sub-con within group results to follow on completion |
| Colour Fastness to Rubbing (Wet & Dry) | - | Flammability | Sub-con within group results to follow on completion |
| Colour fastness to Water Spotting | Sub con to third party | Colour Fastness to Lights | Sub-con within group results to follow on completion |
| Seam Slippage | - | | |

Signed for and on behalf of TÜV Rheinland UK LTD

George Mehmet

2021.03.05

13:28:27 Z

George Mehmet Laboratory Technician U KAS
IESTING

8400

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.



Gabriel'

Softlines

| Test Report | No. 28511310 | Date: 5 th March 2021 | Page 2 of 4 |
|-------------|--------------|----------------------------------|-------------|
|-------------|--------------|----------------------------------|-------------|

Results:

Stability To Washing

(BS EN ISO 3759: 2011 / BS EN ISO 5077: 2008 / BS EN ISO 6330: 2012)

Washing program No. 6M; Using horizontal axis, front-loading type machine: Machine wash at 60 ℃ with 2kg total dry mass (type II

(ballast+ specimen) and 'ECE(A)' detergent+ Sodium Perborate+ TAED, flat Dry.)

| Direction | %Change |
|-------------------------------|---------------------|
| Warp | -1.8 |
| Weft | -1.8 |
| Appearance After Dry Cleaning | No changes observed |

Colour Fastness To Washing

(BS EN ISO 105-C06: 2010)

Washing Condition: A2S, 40°C With ECE(B) + Sodium Perborate, 10 Steel Balls.

| Result |
|--------|
| 5 |
| - |
| Result |
| 5 |
| 5 |
| 5 |
| 5 |
| 5 |
| 5 |
| |

Colour Fastness To Perspiration

| Sample | Re | sult |
|-----------------|--------|----------|
| | Acid | Alkaline |
| Colour Change | 5 | 5 |
| Self-Staining | - | - |
| Colour Staining | Result | Result |
| Acetate | 5 | 5 |
| Cotton | 5 | 5 |
| Polyamide | 5 | 5 |
| Polyester | 5 | 5 |
| Acrylic | 5 | 5 |
| Wool | 5 | 5 |



Gabriel'

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| Test Report No | o. 28511310 | Date: 5 th March 2021 | Page 3 of 4 |
|----------------|-------------|----------------------------------|-------------|
|----------------|-------------|----------------------------------|-------------|

| Colour Fastness To Rubbing (BS EN ISO105-X12:2016); Size of rubbing finger: 16mm diameter | | | | |
|---|---------------|---------------|---------------|--|
| Staining | | Colour Change | | |
| Length | Width | Length | Width | |
| Dry: 5 Wet: 5 | Dry: 5 Wet: 5 | Dry:5 Wet: 5 | Dry: 5 Wet: 5 | |

Note: Colour change not a requirement of the standard, this was carried out at the request of the client

| Colour Fastness To Water spotting (BS EN ISO 105-E16:2007) | | |
|--|--------|--|
| | Result | |
| Shade change centre | 5 | |
| Shade change periphery | 5 | |

| Seam Slippage (BS EN ISO 13936-2:2004) | | |
|---|--------|--|
| Sample | Result | |
| Warp | 1.0mm | |
| Weft | 1.0mm | |

Pilling Resistance

(BS EN ISO 12945-2:2000; Martindale Abrasion & Pilling Tester; Total Load Applied 415g, tested against wool abradent fabric)

No cleansing required

| Sample | Average Result |
|---------------------------|----------------|
| After 2000 Rubs Rating | 5 |
| After 5000 Rubs Rating | 5 |

Remarks: Pilling Rating

- 5 No change
- 4 Slight surface fuzzing and/or partially formed pills
- 3 Moderate surface fuzzing and/or moderate pilling. Pills of varying size and density partially covering the specimen
- 2 Distinct fuzzing and/or distinct pilling. Pills of varying size and density covering a large proportion of the specimen surface
- 1 Dense surface and/or severe pilling. Pills of varying size and density covering the whole of the specimen surface



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| Test Report No. 28511310 | Date: 5 th March 2021 | Page 4 of 4 |
|--------------------------|----------------------------------|-------------|
|--------------------------|----------------------------------|-------------|

| Result | | | | |
|--|------------|------------|------------|--|
| | Specimen 1 | Specimen 2 | Specimen 3 | |
| End point reached, No three thread breakdown | 80,000 | 80,000 | 80,000 | |
| Overall result | 80,000 | | | |
| Colour Change At 3000 (rubs) | 5 | 5 | 5 | |

-End of Test Report-