# TEST REPORT

**2026AN2629**

**DATE OF RECEPTION**
***Date Format: dd/MM/yyyy*** 14/10/2026

**DATE TESTS**
Starting: 20/10/2026
Ending: 27/10/2026

**APPLICANT**

GABRIEL A/S
HJULMAGERVEJ, 55
DK-9000 Ålborg
Denmark

Att. BENTE ELLINGSOE

**IDENTIFICATION AND DESCRIPTION OF SAMPLES**

| Reference by AITEX | Reference by customer | AITEX sample description |
|---|---|---|
| 2026AN2629-S01 | 9413 11176 Red | Fabric<br>*Fabric* |
| 2026AN2629-S02 | 9413 11256 Dark Beige | Fabric<br>*Fabric* |
| 2026AN2629-S03 | 9413 11312 Dark Red | Fabric<br>*Fabric* |
| 2026AN2629-S04 | 9413 12478 Dark Blue | Fabric<br>*Fabric* |
| 2026AN2629-S05 | 9413 12507 Turquoise | Fabric<br>*Fabric* |
| 2026AN2629-S06 | 9413 12508 Blue | Fabric<br>*Fabric* |
| 2026AN2629-S07 | 9413 12509 Dark Blue | Fabric<br>*Fabric* |
| 2026AN2629-S08 | 9413 12551 Blue | Fabric<br>*Fabric* |
| 2026AN2629-S09 | 9413 12552 Light Blue | Fabric<br>*Fabric* |
| 2026AN2629-S10 | 9413 12556 Dark Blue | Fabric<br>*Fabric* |
| 2026AN2629-S11 | 9413 13205 Dark Brown | Fabric<br>*Fabric* |
| 2026AN2629-S12 | 9413 13286 Dark Grey | Fabric<br>*Fabric* |
| 2026AN2629-S13 | 9413 13469 Dark Red | Fabric<br>*Fabric* |
| 2026AN2629-S14 | 9413 13601 Beige | Fabric<br>*Fabric* |
| 2026AN2629-S15 | 9413 13602 Dark Beige | Fabric<br>*Fabric* |
| 2026AN2629-S16 | 9413 13609 Beige | Fabric<br>*Fabric* |
| 2026AN2629-S17 | 9413 13612 Brown | Fabric |

Tests marked with * are not included within the scope of the ENAC accreditation.

ENSAYO
ISO 17025
Nº12 / LE025

Asociación de Investigación de la Industria Textil y Cosmética – C.I.F.: G03182870

| | | |
|---|---|---|
| | | *Fabric* |
| 2026AN2629-S18 | 9413 13666 Dark Grey | Fabric<br>*Fabric* |
| 2026AN2629-S19 | 9413 13719 Light Beige | Fabric<br>*Fabric* |
| 2026AN2629-S20 | 9413 13720 Light Beige | Fabric<br>*Fabric* |
| 2026AN2629-S21 | 9413 13778 Brown | Fabric<br>*Fabric* |
| 2026AN2629-S22 | 9413 13851 Beige | Fabric<br>*Fabric* |
| 2026AN2629-S23 | 9413 14351 Dark Green | Fabric<br>*Fabric* |
| 2026AN2629-S24 | 9413 14366 Yellow Green | Fabric<br>*Fabric* |
| 2026AN2629-S25 | 9413 14430 Green | Fabric<br>*Fabric* |
| 2026AN2629-S26 | 9413 14454 Green | Fabric<br>*Fabric* |
| 2026AN2629-S27 | 9413 14460 Green | Fabric<br>*Fabric* |
| 2026AN2629-S28 | 9413 15040 Grey | Fabric<br>*Fabric* |
| 2026AN2629-S29 | 9413 15607 Black | Fabric<br>*Fabric* |
| 2026AN2629-S30 | 9413 15666 Grey | Fabric<br>*Fabric* |
| 2026AN2629-S31 | 9413 15668 Light Grey | Fabric<br>*Fabric* |
| 2026AN2629-S32 | 9413 15676 Grey | Fabric<br>*Fabric* |
| 2026AN2629-S33 | 9413 15684 Light Grey | Fabric<br>*Fabric* |
| 2026AN2629-S34 | 9413 15708 Grey | Fabric<br>*Fabric* |
| 2026AN2629-S35 | 9413 15763 Dark Grey | Fabric<br>*Fabric* |
| 2026AN2629-S36 | 9413 15805 Light Beige | Fabric<br>*Fabric* |
| 2026AN2629-S37 | 9413 15806 Dark Grey | Fabric<br>*Fabric* |
| 2026AN2629-S38 | 9413 18233 Dark Orange | Fabric<br>*Fabric* |
| 2026AN2629-S39 | 9413 18243 Orange | Fabric<br>*Fabric* |
| 2026AN2629-S40 | 9413 18272 Yellow | Fabric<br>*Fabric* |

**TESTS CARRIED OUT**

- COLOUR FASTNESS TO RUBBING.

# RESULTS

## COLOUR FASTNESS TO RUBBING

**Standard**
ISO 105-X12:2016

**Apparatus**
Crockmeter

**Starting test date**
20/10/2026

**Ending test date**
27/10/2026

**Conditioning time**
> 4 H

**Atmosphere for conditioning and testing**

| | |
|---|---|
| **Temperature** | (20±2) ºC |
| **Relative Humidity** | (65±2) %Hr |

**Pin**
Cylindrical

**Applied force**
(9 ± 0,2) N

**% of water absorption for rubbing in humid**
95-100 %

| REFERENCE | DIRECTION | DRY STAINING | WET STAINING |
|---|---|---|---|
| **2026AN2629-S01** | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| **2026AN2629-S02** | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| **2026AN2629-S03** | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| **2026AN2629-S04** | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| **2026AN2629-S05** | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| **2026AN2629-S06** | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| **2026AN2629-S07** | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| **2026AN2629-S08** | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| **2026AN2629-S09** | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| **2026AN2629-S10** | Warp | 5 | 5 |

| REFERENCE | DIRECTION | DRY STAINING | WET STAINING |
|---|---|---|---|
| | Weft | 5 | 5 |
| 2026AN2629-S11 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S12 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S13 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S14 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S15 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S16 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S17 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S18 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S19 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S20 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S21 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S22 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S23 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S24 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S25 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S26 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S27 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S28 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S29 | Warp | 5 | 4-5 |

| REFERENCE | DIRECTION | DRY STAINING | WET STAINING |
|---|---|---|---|
| | Weft | 5 | 4-5 |
| 2026AN2629-S30 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S31 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S32 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S33 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S34 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S35 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S36 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S37 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S38 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S39 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S40 | Warp | 5 | 5 |
| | Weft | 5 | 5 |

| REFERENCE | DIRECTION | DRY CHANGE COLOUR | WET CHANGE COLOUR |
|---|---|---|---|
| 2026AN2629-S01 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S02 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S03 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S04 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S05 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S06 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S07 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S08 | Warp | 5 | 5 |

| REFERENCE | DIRECTION | DRY CHANGE COLOUR | WET CHANGE COLOUR |
|---|---|---|---|
| | Weft | 5 | 5 |
| 2026AN2629-S09 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S10 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S11 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S12 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S13 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S14 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S15 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S16 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S17 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S18 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S19 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S20 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S21 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S22 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S23 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S24 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S25 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S26 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S27 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S28 | Warp | 5 | 5 |

| REFERENCE | DIRECTION | DRY CHANGE COLOUR | WET CHANGE COLOUR |
|---|---|---|---|
| | Weft | 5 | 5 |
| 2026AN2629-S29 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S30 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S31 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S32 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S33 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S34 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S35 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S36 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S37 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S38 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S39 | Warp | 5 | 5 |
| | Weft | 5 | 5 |
| 2026AN2629-S40 | Warp | 5 | 5 |
| | Weft | 5 | 5 |

| Reference by AITEX | Description | Reference by customer |
|---|---|---|
| 2026AN2629-S01 | Fabric / *Fabric* | 9413 11176 Red |
| 2026AN2629-S02 | Fabric / *Fabric* | 9413 11256 Dark Beige |
| 2026AN2629-S03 | Fabric / *Fabric* | 9413 11312 Dark Red |
| 2026AN2629-S04 | Fabric / *Fabric* | 9413 12478 Dark Blue |
| 2026AN2629-S05 | Fabric / *Fabric* | 9413 12507 Turquoise |
| 2026AN2629-S06 | Fabric / *Fabric* | 9413 12508 Blue |
| 2026AN2629-S07 | Fabric / *Fabric* | 9413 12509 Dark Blue |
| 2026AN2629-S08 | Fabric / *Fabric* | 9413 12551 Blue |
| 2026AN2629-S09 | Fabric / *Fabric* | 9413 12552 Light Blue |
| 2026AN2629-S10 | Fabric / *Fabric* | 9413 12556 Dark Blue |
| 2026AN2629-S11 | Fabric / *Fabric* | 9413 13205 Dark Brown |
| 2026AN2629-S12 | Fabric / *Fabric* | 9413 13286 Dark Grey |
| 2026AN2629-S13 | Fabric / *Fabric* | 9413 13469 Dark Red |
| 2026AN2629-S14 | Fabric / *Fabric* | 9413 13601 Beige |
| 2026AN2629-S15 | Fabric / *Fabric* | 9413 13602 Dark Beige |
| 2026AN2629-S16 | Fabric / *Fabric* | 9413 13609 Beige |
| 2026AN2629-S17 | Fabric / *Fabric* | 9413 13612 Brown |
| 2026AN2629-S18 | Fabric / *Fabric* | 9413 13666 Dark Grey |
| 2026AN2629-S19 | Fabric / *Fabric* | 9413 13719 Light Beige |
| 2026AN2629-S20 | Fabric / *Fabric* | 9413 13720 Light Beige |
| 2026AN2629-S21 | Fabric / *Fabric* | 9413 13778 Brown |
| 2026AN2629-S22 | Fabric / *Fabric* | 9413 13851 Beige |
| 2026AN2629-S23 | Fabric / *Fabric* | 9413 14351 Dark Green |
| 2026AN2629-S24 | Fabric / *Fabric* | 9413 14366 Yellow Green |
| 2026AN2629-S25 | Fabric / *Fabric* | 9413 14430 Green |
| 2026AN2629-S26 | Fabric / *Fabric* | 9413 14454 Green |
| 2026AN2629-S27 | Fabric / *Fabric* | 9413 14460 Green |
| 2026AN2629-S28 | Fabric / *Fabric* | 9413 15040 Grey |
| 2026AN2629-S29 | Fabric / *Fabric* | 9413 15607 Black |
| 2026AN2629-S30 | Fabric / *Fabric* | 9413 15666 Grey |
| 2026AN2629-S31 | Fabric / *Fabric* | 9413 15668 Light Grey |
| 2026AN2629-S32 | Fabric / *Fabric* | 9413 15676 Grey |
| 2026AN2629-S33 | Fabric / *Fabric* | 9413 15684 Light Grey |
| 2026AN2629-S34 | Fabric / *Fabric* | 9413 15708 Grey |
| 2026AN2629-S35 | Fabric / *Fabric* | 9413 15763 Dark Grey |
| 2026AN2629-S36 | Fabric / *Fabric* | 9413 15805 Light Beige |
| 2026AN2629-S37 | Fabric / *Fabric* | 9413 15806 Dark Grey |
| 2026AN2629-S38 | Fabric / *Fabric* | 9413 18233 Dark Orange |
| 2026AN2629-S39 | Fabric / *Fabric* | 9413 18243 Orange |
| 2026AN2629-S40 | Fabric / *Fabric* | 9413 18272 Yellow |

**MEANING OF COLOUR FASTNESS APPRAISAL EVALUATED WITH GREY SCALE**

| VALUE | MEANING |
|---|---|
| **5** | VERY GOOD - EXCELLENT |
| **4** | GOOD |
| **3** | FAIR - MODERATE |
| **2** | POOR - BEHAVIOUR |
| **1** | VERY POOR |

According to standards ISO 105-A02 e ISO 105-A03

**Isabel Soriano**
Laboratories and International Offices Subdirector

Date: 27/10/2026 21:12:44
Digitally Signed by:MARIA ISABEL SORIANO SARRIO - NIF:52716426N

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14.- The client must attend at all times, to the dates of the realization of the tests.
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