

TEST REPORT

2025AN2085

DATE OF RECEPTION

Date Format: dd/MM/yyyy 23/07/2025

DATE TESTS

Starting: 25/07/2025

Ending: 28/07/2025

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
2025AN2085-S01	Art.UMI 60000 Light Beige	Fabric
2025AN2085-S02	Art.UMI 60369 Light Grey	Fabric
2025AN2085-S03	Art.UMI 60091 Grey	Fabric
2025AN2085-S04	Art.UMI 60212 Dark Grey	Fabric
2025AN2085-S05	Art.UMI 60999 Black	Fabric
2025AN2085-S06	Art.UMI 61322 Light Beige	Fabric
2025AN2085-S07	Art.UMI 61323 Beige	Fabric
2025AN2085-S08	Art.UMI 61324 Dark Beige	Fabric
2025AN2085-S09	Art.UMI 63155 Light Orange	Fabric
2025AN2085-S10	Art.UMI 62744 Light Yellow	Fabric
2025AN2085-S11	Art.UMI 61039 Light Brown	Fabric
2025AN2085-S12	Art.UMI 61244 Brown	Fabric
2025AN2085-S13	Art.UMI 63156 Dark Orange	Fabric
2025AN2085-S14	Art.UMI 64289 Light Red	Fabric
2025AN2085-S15	Art.UMI 64290 Red	Fabric
2025AN2085-S16	Art.UMI 64291 Dark Red	Fabric
2025AN2085-S17	Art.UMI 67141 Light Turquoise	Fabric
2025AN2085-S18	Art.UMI 67142 Dark Turquoise	Fabric
2025AN2085-S19	Art.UMI 66288 Blue	Fabric
2025AN2085-S20	Art.UMI 62158 Light Yellow	Fabric
2025AN2085-S21	Art.UMI 62093 Light Green Yellow	Fabric
2025AN2085-S22	Art.UMI 68700 Green	Fabric
2025AN2085-S23	Art.UMI 68328 Green	Fabric
2025AN2085-S24	Art.UMI 68329 Yellow Green	Fabric
2025AN2085-S25	Art.UMI 68330 Dark Green	Fabric
2025AN2085-S26	Art.UMI 66289 Dark Blue	Fabric
2025AN2085-S27	Art.UMI 62157 Dark Yellow	Fabric

TESTS CARRIED OUT

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

Rev.1 This revision cancels and replaces the previous Error in the test standard.





- COLOUR FASTNESS TO RUBBING.



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

ISO 105-X12:2016

Apparatus

Crockmeter

Starting test date

25/07/2025

Ending test date

28/07/2025

Conditioning time

> 4 H

Atmosphere for conditioning and testing

Temperature	(20±2) °C
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
2025AN2085-S01	Warp	5	5
	Weft	5	5
2025AN2085-S02	Warp	5	5
	Weft	5	5
2025AN2085-S03	Warp	5	5
	Weft	5	5
2025AN2085-S04	Warp	5	5
	Weft	5	5
2025AN2085-S05	Warp	4-5	4
	Weft	4-5	4
2025AN2085-S06	Warp	5	5
	Weft	5	5
2025AN2085-S07	Warp	5	5
	Weft	5	5
2025AN2085-S08	Warp	5	5
	Weft	5	5
2025AN2085-S09	Warp	5	5
	Weft	5	5
2025AN2085-S10	Warp	5	5
	Weft	5	5
2025AN2085-S11	Warp	5	5
	Weft	5	5
2025AN2085-S12	Warp	5	4-5
	Weft	5	4-5
2025AN2085-S13	Warp	5	5
	Weft	5	5
2025AN2085-S14	Warp	5	5
	Weft	5	5
2025AN2085-S15	Warp	5	4-5
	Weft	5	4-5
2025AN2085-S16	Warp	5	5
	Weft	5	5
2025AN2085-S17	Warp	5	5
	Weft	5	5
2025AN2085-S18	Warp	5	5
	Weft	5	5
2025AN2085-S19	Warp	5	5
	Weft	5	5
2025AN2085-S20	Warp	5	5
	Weft	5	5



REFERENCE	DIRECTION	DRY STAINING	WET STAINING
2025AN2085-S21	Warp	5	5
	Weft	5	5
2025AN2085-S22	Warp	5	5
	Weft	5	5
2025AN2085-S23	Warp	5	5
	Weft	5	5
2025AN2085-S24	Warp	5	5
	Weft	5	5
2025AN2085-S25	Warp	5	5
	Weft	5	5
2025AN2085-S26	Warp	5	4-5
	Weft	5	4-5
2025AN2085-S27	Warp	5	4-5
	Weft	5	4-5



REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2025AN2085-S01	Warp	5	5
	Weft	5	5
2025AN2085-S02	Warp	5	5
	Weft	5	5
2025AN2085-S03	Warp	5	5
	Weft	5	5
2025AN2085-S04	Warp	5	5
	Weft	5	5
2025AN2085-S05	Warp	5	5
	Weft	5	5
2025AN2085-S06	Warp	5	5
	Weft	5	5
2025AN2085-S07	Warp	5	5
	Weft	5	5
2025AN2085-S08	Warp	5	5
	Weft	5	5
2025AN2085-S09	Warp	5	5
	Weft	5	5
2025AN2085-S10	Warp	5	5
	Weft	5	5
2025AN2085-S11	Warp	5	5
	Weft	5	5
2025AN2085-S12	Warp	5	5
	Weft	5	5
2025AN2085-S13	Warp	5	5
	Weft	5	5
2025AN2085-S14	Warp	5	5
	Weft	5	5
2025AN2085-S15	Warp	5	5
	Weft	5	5
2025AN2085-S16	Warp	5	5
	Weft	5	5
2025AN2085-S17	Warp	5	5
	Weft	5	5
2025AN2085-S18	Warp	5	5
	Weft	5	5
2025AN2085-S19	Warp	5	5
	Weft	5	5
2025AN2085-S20	Warp	5	5
	Weft	5	5



REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2025AN2085-S21	Warp	5	5
	Weft	5	5
2025AN2085-S22	Warp	5	5
	Weft	5	5
2025AN2085-S23	Warp	5	5
	Weft	5	5
2025AN2085-S24	Warp	5	5
	Weft	5	5
2025AN2085-S25	Warp	5	5
	Weft	5	5
2025AN2085-S26	Warp	5	5
	Weft	5	5
2025AN2085-S27	Warp	5	5
	Weft	5	5

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Reference by AITEX	Description	Reference by customer
2025AN2085-S01	Fabric	Art.UMI 60000 Light Beige
2025AN2085-S02	Fabric	Art.UMI 60369 Light Grey
2025AN2085-S03	Fabric	Art.UMI 60091 Grey
2025AN2085-S04	Fabric	Art.UMI 60212 Dark Grey
2025AN2085-S05	Fabric	Art.UMI 60999 Black
2025AN2085-S06	Fabric	Art.UMI 61322 Light Beige
2025AN2085-S07	Fabric	Art.UMI 61323 Beige
2025AN2085-S08	Fabric	Art.UMI 61324 Dark Beige
2025AN2085-S09	Fabric	Art.UMI 63155 Light Orange
2025AN2085-S10	Fabric	Art.UMI 62744 Light Yellow
2025AN2085-S11	Fabric	Art.UMI 61039 Light Brown
2025AN2085-S12	Fabric	Art.UMI 61244 Brown
2025AN2085-S13	Fabric	Art.UMI 63156 Dark Orange
2025AN2085-S14	Fabric	Art.UMI 64289 Light Red
2025AN2085-S15	Fabric	Art.UMI 64290 Red
2025AN2085-S16	Fabric	Art.UMI 64291 Dark Red
2025AN2085-S17	Fabric	Art.UMI 67141 Light Türquoise
2025AN2085-S18	Fabric	Art.UMI 67142 Dark Türquoise
2025AN2085-S19	Fabric	Art.UMI 66288 Blue
2025AN2085-S20	Fabric	Art.UMI 62158 Light Yellow
2025AN2085-S21	Fabric	Art.UMI 62093 Light Green Yellow
2025AN2085-S22	Fabric	Art.UMI 68700 Green
2025AN2085-S23	Fabric	Art.UMI 68328 Green
2025AN2085-S24	Fabric	Art.UMI 68329 Yellow Green
2025AN2085-S25	Fabric	Art.UMI 68330 Dark Green
2025AN2085-S26	Fabric	Art.UMI 66289 Dark Blue
2025AN2085-S27	Fabric	Art.UMI 62157 Dark Yellow



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

AATCC TM 8:2016

Apparatus

Crockmeter

Starting test date

25/07/2025

Ending test date

28/07/2025

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2025AN2085-S01	5	5
2025AN2085-S02	5	5
2025AN2085-S03	5	5
2025AN2085-S04	5	5
2025AN2085-S05	4-5	4
2025AN2085-S06	5	5
2025AN2085-S07	5	5
2025AN2085-S08	5	5
2025AN2085-S09	5	5
2025AN2085-S10	5	5
2025AN2085-S11	5	5
2025AN2085-S12	5	4-5
2025AN2085-S13	5	5
2025AN2085-S14	5	5
2025AN2085-S15	5	4-5
2025AN2085-S16	5	5
2025AN2085-S17	5	5
2025AN2085-S18	5	5
2025AN2085-S19	5	5
2025AN2085-S20	5	5
2025AN2085-S21	5	5
2025AN2085-S22	5	5
2025AN2085-S23	5	5
2025AN2085-S24	5	5
2025AN2085-S25	5	5
2025AN2085-S26	5	5
2025AN2085-S27	5	4-5

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2025AN2085-S24	Fabric	Art.UMI 68329 Yellow Green
2025AN2085-S25	Fabric	Art.UMI 68330 Dark Green
2025AN2085-S26	Fabric	Art.UMI 66289 Dark Blue
2025AN2085-S27	Fabric	Art.UMI 62157 Dark 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: 04/08/2025 13:16:31

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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