

TEST REPORT

2025AN1172

DATE OF RECEPTION

Date Format: dd/MM/yyyy 16/04/2025

DATE TESTS

Starting: 23/04/2025

Ending: 07/05/2025

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
2025AN1172-S01	Art.UMI 60000 Light Beige	Fabric
2025AN1172-S02	Art.UMI 60369 Light Grey	Fabric
2025AN1172-S03	Art.UMI 60091 Grey	Fabric
2025AN1172-S04	Art.UMI 60212 Dark Grey	Fabric
2025AN1172-S05	Art.UMI 60999 Black	Fabric
2025AN1172-S06	Art.UMI 61322 Light Beige	Fabric
2025AN1172-S07	Art.UMI 61323 Beige	Fabric
2025AN1172-S08	Art.UMI 61324 Dark Beige	Fabric
2025AN1172-S09	Art.UMI 63155 Light Orange	Fabric
2025AN1172-S10	Art.UMI 62744 Light Yellow	Fabric
2025AN1172-S11	Art.UMI 61039 Light Brown	Fabric
2025AN1172-S12	Art.UMI 61244 Brown	Fabric
2025AN1172-S13	Art.UMI 63156 Dark Orange	Fabric
2025AN1172-S14	Art.UMI 64289 Light Red	Fabric
2025AN1172-S15	Art.UMI 64290 Red	Fabric
2025AN1172-S16	Art.UMI 64291 Dark Red	Fabric
2025AN1172-S17	Art.UMI 67141 Light Turquoise	Fabric
2025AN1172-S18	Art.UMI 67142 Dark Turquoise	Fabric
2025AN1172-S19	Art.UMI 66288 Blue	Fabric
2025AN1172-S20	Art.UMI 62158 Light Yellow	Fabric
2025AN1172-S21	Art.UMI 62093 Light Green Yellow	Fabric
2025AN1172-S22	Art.UMI 68700 Green	Fabric
2025AN1172-S23	Art.UMI 68328 Green	Fabric
2025AN1172-S24	Art.UMI 68329 Yellow Green	Fabric
2025AN1172-S25	Art.UMI 68330 Dark Green	Fabric
2025AN1172-S26	Art.UMI 66289 Dark Blue	Fabric
2025AN1172-S27	Art.UMI 62157 Dark Yellow	Fabric

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



**TESTS CARRIED OUT**

- COLOUR FASTNESS TO ARTIFICIAL LIGHT.



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

EN ISO 105-B02:2014. Method 2

Apparatus

Xenotest 440 02423E06

Starting test date

23/04/2025

Ending test date

07/05/2025

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2025AN1172-S01	7
2025AN1172-S02	7
2025AN1172-S03	7
2025AN1172-S04	6
2025AN1172-S05	7
2025AN1172-S06	7
2025AN1172-S07	7
2025AN1172-S08	6-7
2025AN1172-S09	6
2025AN1172-S10	6
2025AN1172-S11	6
2025AN1172-S12	6
2025AN1172-S13	7
2025AN1172-S14	6-7
2025AN1172-S15	6-7
2025AN1172-S16	7
2025AN1172-S17	6
2025AN1172-S18	7
2025AN1172-S19	6-7
2025AN1172-S20	7
2025AN1172-S21	6-7
2025AN1172-S22	6
2025AN1172-S23	7
2025AN1172-S24	6
2025AN1172-S25	7
2025AN1172-S26	6-7
2025AN1172-S27	6

Remark

The fastness grade indicated comes up to:

- Depth change: More clear
- Hue change: No notes
- Brightness change: No notes

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MEANING OF COLOUR VALUES FASTNESS TO ARTIFICIAL LIGHT

VALUE	MEANING
8	EXCELLENT
7	VERY GOOD
6	GOOD
5	MODERATE
4	FAIR
3	POOR BEHAVIOUR
2	POOR BEHAVIOUR
1	VERY POOR

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Reference by AITEX	Description	Reference by customer
2025AN1172-S01	Fabric	Art.UMI 60000 Light Beige
2025AN1172-S02	Fabric	Art.UMI 60369 Light Grey
2025AN1172-S03	Fabric	Art.UMI 60091 Grey
2025AN1172-S04	Fabric	Art.UMI 60212 Dark Grey
2025AN1172-S05	Fabric	Art.UMI 60999 Black
2025AN1172-S06	Fabric	Art.UMI 61322 Light Beige
2025AN1172-S07	Fabric	Art.UMI 61323 Beige
2025AN1172-S08	Fabric	Art.UMI 61324 Dark Beige
2025AN1172-S09	Fabric	Art.UMI 63155 Light Orange
2025AN1172-S10	Fabric	Art.UMI 62744 Light Yellow
2025AN1172-S11	Fabric	Art.UMI 61039 Light Brown
2025AN1172-S12	Fabric	Art.UMI 61244 Brown
2025AN1172-S13	Fabric	Art.UMI 63156 Dark Orange
2025AN1172-S14	Fabric	Art.UMI 64289 Light Red
2025AN1172-S15	Fabric	Art.UMI 64290 Red
2025AN1172-S16	Fabric	Art.UMI 64291 Dark Red
2025AN1172-S17	Fabric	Art.UMI 67141 Light Türquoise
2025AN1172-S18	Fabric	Art.UMI 67142 Dark Türquoise
2025AN1172-S19	Fabric	Art.UMI 66288 Blue
2025AN1172-S20	Fabric	Art.UMI 62158 Light Yellow
2025AN1172-S21	Fabric	Art.UMI 62093 Light Green Yellow
2025AN1172-S22	Fabric	Art.UMI 68700 Green
2025AN1172-S23	Fabric	Art.UMI 68328 Green
2025AN1172-S24	Fabric	Art.UMI 68329 Yellow Green
2025AN1172-S25	Fabric	Art.UMI 68330 Dark Green
2025AN1172-S26	Fabric	Art.UMI 66289 Dark Blue
2025AN1172-S27	Fabric	Art.UMI 62157 Dark Yellow



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

AATCC TM 16.3:2020

Apparatus

WEATHER-OMETER, ATLAS CI 3000 (C-19816)

Starting test date

23/04/2025

Ending test date

25/04/2025

Exposure conditions

Black Panel 63°C, Relative humidity 30%, 420 nm², 1'10 W/m²

Total radiant energy

6912 KJ/m²

Test conditions

Without simple rotation, Mounting Procedure Backed.

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Grey Scale (0278N12)

Reference	Light fastness
2025AN1172-S01	5
2025AN1172-S02	5
2025AN1172-S03	5
2025AN1172-S04	5
2025AN1172-S05	5
2025AN1172-S06	5
2025AN1172-S07	5
2025AN1172-S08	5
2025AN1172-S09	5
2025AN1172-S10	5
2025AN1172-S11	5
2025AN1172-S12	5
2025AN1172-S13	5
2025AN1172-S14	5
2025AN1172-S15	5
2025AN1172-S16	5
2025AN1172-S17	5
2025AN1172-S18	5
2025AN1172-S19	5
2025AN1172-S20	5
2025AN1172-S21	5
2025AN1172-S22	5
2025AN1172-S23	5
2025AN1172-S24	5
2025AN1172-S25	5
2025AN1172-S26	5
2025AN1172-S27	5

Remark

The fastness grade indicated comes up to:

- Depth change: No notes
- Hue change: No notes



- Brightness change: No notes

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MEANING OF COLOUR FASTNESS APPRAISAL EVALUATED WITH GREY SCALE

VALUE	MEANING
5	VERY GOOD-EXCELLENT
4	GOOD
3	FAIR - MODERATE
2	POOR BAHAVIOUR
1	VERY POOR

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Reference by AITEX	Description	Reference by customer
2025AN1172-S01	Fabric	Art.UMI 60000 Light Beige
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2025AN1172-S26	Fabric	Art.UMI 66289 Dark Blue
2025AN1172-S27	Fabric	Art.UMI 62157 Dark Yellow



Isabel Soriano
Laboratories and International Offices Subdirector



Date: 07/05/2025 14:18:36

Digitally Signed by:MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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