

TEST REPORT

2025AN0971

DATE OF RECEPTION

Date Format: dd/MM/yyyy 01/04/2025

DATE TESTS

Starting: 03/04/2025

Ending: 17/04/2025

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
2025AN0971-S01	Design nr.2380 2201	Black	Fabric
2025AN0971-S02	Design nr.2380 2202	Light grey	Fabric
2025AN0971-S03	Design nr.2380 2213	Light Beige	Fabric
2025AN0971-S04	Design nr.2380 2214	Dark brown	Fabric
2025AN0971-S05	Design nr.2380 2215	Orange	Fabric
2025AN0971-S06	Design nr.2380 2216	Yellow green	Fabric
2025AN0971-S07	Design nr.2380 2217	Yellow Green	Fabric
2025AN0971-S08	Design nr.2380 2218	Yellow beige	Fabric
2025AN0971-S09	Design nr.2380 2219	Orange beige	Fabric
2025AN0971-S10	Design nr.2380 2220	Dark orange	Fabric
2025AN0971-S11	Design nr.2380 2221	Blue	Fabric
2025AN0971-S12	Design nr.2380 2222	Dark blue	Fabric

TESTS CARRIED OUT

- COLOUR FASTNESS TO ARTIFICIAL LIGHT.

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





RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

EN ISO 105-B02:2014. Method 2

Apparatus

Xenotest 440 02423E06

Starting test date

03/04/2025

Ending test date

17/04/2025

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2025AN0971-S01	8
2025AN0971-S02	8
2025AN0971-S03	8
2025AN0971-S04	8
2025AN0971-S05	8
2025AN0971-S06	8
2025AN0971-S07	8
2025AN0971-S08	8
2025AN0971-S09	8
2025AN0971-S10	8
2025AN0971-S11	8
2025AN0971-S12	8

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 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
2025AN0971-S01	Fabric	Design nr.2380 2201 Black
2025AN0971-S02	Fabric	Design nr.2380 2202 Light grey
2025AN0971-S03	Fabric	Design nr.2380 2213 Light Beige
2025AN0971-S04	Fabric	Design nr.2380 2214 Dark brown
2025AN0971-S05	Fabric	Design nr.2380 2215 Orange
2025AN0971-S06	Fabric	Design nr.2380 2216 Yellow green
2025AN0971-S07	Fabric	Design nr.2380 2217 Yellow Green
2025AN0971-S08	Fabric	Design nr.2380 2218 Yellow beige
2025AN0971-S09	Fabric	Design nr.2380 2219 Orange beige
2025AN0971-S10	Fabric	Design nr.2380 2220 Dark orange
2025AN0971-S11	Fabric	Design nr.2380 2221 Blue
2025AN0971-S12	Fabric	Design nr.2380 2222 Dark blue



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

AATCC TM 16.3:2020

Apparatus

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

Starting test date

11/04/2025

Ending test date

14/04/2025

Exposure conditionsBlack Panel 63°C, Relative humidity 30%, 300-400 nm², 48 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
2025AN0971-S01	5
2025AN0971-S02	5
2025AN0971-S03	5
2025AN0971-S04	5
2025AN0971-S05	5
2025AN0971-S06	5
2025AN0971-S07	5
2025AN0971-S08	5
2025AN0971-S09	5
2025AN0971-S10	5
2025AN0971-S11	5
2025AN0971-S12	5

Remark

The fastness grade indicated comes up to:

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

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
2025AN0971-S01	Fabric	Design nr.2380 2201 Black
2025AN0971-S02	Fabric	Design nr.2380 2202 Light grey
2025AN0971-S03	Fabric	Design nr.2380 2213 Light Beige
2025AN0971-S04	Fabric	Design nr.2380 2214 Dark brown
2025AN0971-S05	Fabric	Design nr.2380 2215 Orange
2025AN0971-S06	Fabric	Design nr.2380 2216 Yellow green
2025AN0971-S07	Fabric	Design nr.2380 2217 Yellow Green
2025AN0971-S08	Fabric	Design nr.2380 2218 Yellow beige
2025AN0971-S09	Fabric	Design nr.2380 2219 Orange beige
2025AN0971-S10	Fabric	Design nr.2380 2220 Dark orange
2025AN0971-S11	Fabric	Design nr.2380 2221 Blue
2025AN0971-S12	Fabric	Design nr.2380 2222 Dark blue



Isabel Soriano
Laboratories and International Offices Subdirector



Date: 17/04/2025 10:32:08

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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