

TEST REPORT

2024AN0004

DATE OF RECEPTION

Date Format: dd/MM/yyyy 03/01/2024

DATE TESTS

Starting: 17/01/2024

Ending: 31/01/2024

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
2024AN0004-S01	Tailor 60353 Light Grey	Fabric <i>Fabric</i>
2024AN0004-S02	Tailor 60361 Grey	Fabric
2024AN0004-S03	Tailor 60362 Dark Grey	Fabric
2024AN0004-S04	Tailor 60363 Beige Black	Fabric
2024AN0004-S05	Tailor 60364 Light Grey	Fabric
2024AN0004-S06	Tailor 60997 Dark Grey	Fabric
2024AN0004-S07	Tailor 61295 Light Brown	Fabric
2024AN0004-S08	Tailor 61297 Beige	Fabric
2024AN0004-S09	Tailor 61299 Beige	Fabric
2024AN0004-S10	Tailor 61301 Red Brown	Fabric
2024AN0004-S11	Tailor 61305 Beige Brown	Fabric
2024AN0004-S12	Tailor 61306 Light Beige	Fabric
2024AN0004-S13	Tailor 62148 Dark Yellow	Fabric
2024AN0004-S14	Tailor 62149 Yellow	Fabric
2024AN0004-S15	Tailor 63141 Light Orange	Fabric
2024AN0004-S16	Tailor 63146 Orange	Fabric
2024AN0004-S17	Tailor 64281 Light Brown Red	Fabric
2024AN0004-S18	Tailor 64282 Orange Red	Fabric
2024AN0004-S19	Tailor 65146 Purple	Fabric
2024AN0004-S20	Tailor 66266 Light Blue	Fabric
2024AN0004-S21	Tailor 66273 Blue	Fabric
2024AN0004-S22	Tailor 66274 Dark Blue	Fabric
2024AN0004-S23	Tailor 67136 Turquoise	Fabric
2024AN0004-S24	Tailor 68303 Green	Fabric
2024AN0004-S25	Tailor 68304 Dark Green	Fabric
2024AN0004-S26	Tailor 68316 Dark Green	Fabric

TESTS CARRIED OUT

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





- 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

17/01/2024

Ending test date

31/01/2024

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2024AN0004-S01	6-7
2024AN0004-S02	6-7
2024AN0004-S03	5-6
2024AN0004-S04	6-7
2024AN0004-S05	6-7
2024AN0004-S06	5-6
2024AN0004-S07	6-7
2024AN0004-S08	6-7
2024AN0004-S09	6-7
2024AN0004-S10	6-7
2024AN0004-S11	6-7
2024AN0004-S12	6-7
2024AN0004-S13	6-7
2024AN0004-S14	5-6
2024AN0004-S15	5-6
2024AN0004-S16	6-7
2024AN0004-S17	6-7
2024AN0004-S18	6-7
2024AN0004-S19	5-6
2024AN0004-S20	5-6
2024AN0004-S21	6-7
2024AN0004-S22	6-7
2024AN0004-S23	6-7
2024AN0004-S24	6
2024AN0004-S25	6-7
2024AN0004-S26	6

Remark

The fastness grade indicated comes up to:

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



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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The test was carried out at laboratory located at Carretera Banyeres s/n - 03802 Alcoi, Alicante

Reference	Description
2024AN0004-S01	Tailor 60353 Light Grey
2024AN0004-S02	Tailor 60361 Grey
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2024AN0004-S04	Tailor 60363 Beige Black
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2024AN0004-S06	Tailor 60997 Dark Grey
2024AN0004-S07	Tailor 61295 Light Brown
2024AN0004-S08	Tailor 61297 Beige
2024AN0004-S09	Tailor 61299 Beige
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2024AN0004-S11	Tailor 61305 Beige Brown
2024AN0004-S12	Tailor 61306 Light Beige
2024AN0004-S13	Tailor 62148 Dark Yellow
2024AN0004-S14	Tailor 62149 Yellow
2024AN0004-S15	Tailor 63141 Light Orange
2024AN0004-S16	Tailor 63146 Orange
2024AN0004-S17	Tailor 64281 Light Brown Red
2024AN0004-S18	Tailor 64282 Orange Red
2024AN0004-S19	Tailor 65146 Purple
2024AN0004-S20	Tailor 66266 Light Blue
2024AN0004-S21	Tailor 66273 Blue
2024AN0004-S22	Tailor 66274 Dark Blue
2024AN0004-S23	Tailor 67136 Turquoise
2024AN0004-S24	Tailor 68303 Green
2024AN0004-S25	Tailor 68304 Dark Green
2024AN0004-S26	Tailor 68316 Dark Green



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

AATCC TM 16.3:2020

Apparatus

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

Starting test date

29/01/2024

Ending test date

31/01/2024

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
2024AN0004-S01	5
2024AN0004-S02	5
2024AN0004-S03	5
2024AN0004-S04	5
2024AN0004-S05	5
2024AN0004-S06	5
2024AN0004-S07	5
2024AN0004-S08	5
2024AN0004-S09	5
2024AN0004-S10	5
2024AN0004-S11	5
2024AN0004-S12	5
2024AN0004-S13	5
2024AN0004-S14	5
2024AN0004-S15	5
2024AN0004-S16	5
2024AN0004-S17	5
2024AN0004-S18	5
2024AN0004-S19	5
2024AN0004-S20	5
2024AN0004-S21	5
2024AN0004-S22	5
2024AN0004-S23	5
2024AN0004-S24	5
2024AN0004-S25	5
2024AN0004-S26	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

///

The test was carried out at laboratory located at Carretera Banyeres s/n - 03802 Alcoi, Alicante

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2024AN0004-S17	Tailor 64281 Light Brown Red
2024AN0004-S18	Tailor 64282 Orange Red
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2024AN0004-S20	Tailor 66266 Light Blue
2024AN0004-S21	Tailor 66273 Blue
2024AN0004-S22	Tailor 66274 Dark Blue
2024AN0004-S23	Tailor 67136 Turquoise
2024AN0004-S24	Tailor 68303 Green
2024AN0004-S25	Tailor 68304 Dark Green
2024AN0004-S26	Tailor 68316 Dark Green



Date: 01/02/2024 14:31:05

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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