

TEST REPORT

2024AN0489

DATE OF RECEPTION

Date Format: dd/MM/yyyy 23/02/2024

APPLICANT

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

DATE TESTS

Starting: 28/02/2024
Ending: 13/03/2024

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2024AN0489-S01	art.Parcel Loop 1701 Light Grey	Fabric
2024AN0489-S02	art.Parcel Loop 1801 Grey	Fabric
2024AN0489-S03	art.Parcel Loop 1901 Grey Black	Fabric
2024AN0489-S04	art.Parcel Loop 2001 Light Beige	Fabric
2024AN0489-S05	art.Parcel Loop 2101 Light Brown	Fabric
2024AN0489-S06	art.Parcel Loop 2201 Blue Yellow-Brown	Fabric
2024AN0489-S07	art.Parcel Loop 2301 Orange	Fabric
2024AN0489-S08	art.Parcel Loop 2401 Brown Orange	Fabric
2024AN0489-S09	art.Parcel Loop 2002 Light Orange	Fabric
2024AN0489-S10	art. Parcel Loop 2501 Red Orange	Fabric
2024AN0489-S11	art. Parcel Loop 2601 Red	Fabric
2024AN0489-S12	art. Parcel Loop 2701 Light Red Brown	Fabric
2024AN0489-S13	art. Parcel Loop 2801 Blue	Fabric
2024AN0489-S14	art.Parcel Loop 2901 Dark Blue	Fabric
2024AN0489-S15	art. Parcel Loop 1702 Light Blue	Fabric
2024AN0489-S16	art.Parcel Loop 1202 Light Green	Fabric
2024AN0489-S17	art.Parcel Loop 3001 Grey Green	Fabric
2024AN0489-S18	art.Parcel Loop 3101 Brown Yellow	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

28/02/2024

Ending test date

13/03/2024

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2024AN0489-S01	8
2024AN0489-S02	8
2024AN0489-S03	8
2024AN0489-S04	8
2024AN0489-S05	8
2024AN0489-S06	8
2024AN0489-S07	8
2024AN0489-S08	8
2024AN0489-S09	8
2024AN0489-S10	8
2024AN0489-S11	8
2024AN0489-S12	8
2024AN0489-S13	8
2024AN0489-S14	8
2024AN0489-S15	8
2024AN0489-S16	8
2024AN0489-S17	8
2024AN0489-S18	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

///

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

Reference	Description
2024AN0489-S01	art.Parcel Loop 1701 Light Grey
2024AN0489-S02	art.Parcel Loop 1801 Grey
2024AN0489-S03	art.Parcel Loop 1901 Grey Black
2024AN0489-S04	art.Parcel Loop 2001 Light Beige
2024AN0489-S05	art.Parcel Loop 2101 Light Brown
2024AN0489-S06	art.Parcel Loop 2201 Blue Yellow-Brown
2024AN0489-S07	art.Parcel Loop 2301 Orange
2024AN0489-S08	art.Parcel Loop 2401 Brown Orange
2024AN0489-S09	art.Parcel Loop 2002 Light Orange
2024AN0489-S10	art.Parcel Loop 2501 Red Orange
2024AN0489-S11	art.Parcel Loop 2601 Red
2024AN0489-S12	art.Parcel Loop 2701 Light Red Brown
2024AN0489-S13	art.Parcel Loop 2801 Blue
2024AN0489-S14	art.Parcel Loop 2901 Dark Blue
2024AN0489-S15	art.Parcel Loop 1702 Light Blue
2024AN0489-S16	art.Parcel Loop 1202 Light Green
2024AN0489-S17	art.Parcel Loop 3001 Grey Green
2024AN0489-S18	art.Parcel Loop 3101 Brown Yellow



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

AATCC TM 16.3:2020

Apparatus

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

Starting test date

06/03/2024

Ending test date

08/03/2024

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
2024AN0489-S01	5
2024AN0489-S02	5
2024AN0489-S03	5
2024AN0489-S04	5
2024AN0489-S05	5
2024AN0489-S06	5
2024AN0489-S07	5
2024AN0489-S08	5
2024AN0489-S09	5
2024AN0489-S10	5
2024AN0489-S11	5
2024AN0489-S12	5
2024AN0489-S13	5
2024AN0489-S14	5
2024AN0489-S15	5
2024AN0489-S16	5
2024AN0489-S17	5
2024AN0489-S18	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 BEHAVIOUR
1	VERY POOR

///

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

Reference	Description
2024AN0489-S01	art.Parcel Loop 1701 Light Grey
2024AN0489-S02	art.Parcel Loop 1801 Grey
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2024AN0489-S15	art. Parcel Loop 1702 Light Blue
2024AN0489-S16	art.Parcel Loop 1202 Light Green
2024AN0489-S17	art.Parcel Loop 3001 Grey Green
2024AN0489-S18	art.Parcel Loop 3101 Brown Yellow



Date: 13/03/2024 12:42:11

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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