

TEST REPORT

2023AN3035

DATE OF RECEPTION

Date Format: dd/MM/yyyy 27/12/2023

APPLICANT

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

DATE TESTS

Starting: 12/01/2024
Ending: 26/01/2024

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer		AITEX sample description
2023AN3035-S01	Contour Melange 60358	Dark Grey	Fabric
2023AN3035-S02	Contour Melange 60359	Medium Grey	Fabric
2023AN3035-S03	Contour Melange 60998	Black	Fabric
2023AN3035-S04	Contour Melange 61302	Dark Brown	Fabric
2023AN3035-S05	Contour Melange 61303	Medium Brown	Fabric
2023AN3035-S06	Contour Melange 62147	Dark yellow	Fabric
2023AN3035-S07	Contour Melange 63143	Dark Orange	Fabric
2023AN3035-S08	Contour Melange 63144	Orange	Fabric
2023AN3035-S09	Contour Melange 64276	Dark Red	Fabric
2023AN3035-S10	Contour Melange 64277	Light Red	Fabric
2023AN3035-S11	Contour Melange 64278	Dark Red	Fabric
2023AN3035-S12	Contour Melange 64279	Medium Red	Fabric
2023AN3035-S13	Contour Melange 66270	Dark blue	Fabric
2023AN3035-S14	Contour Melange 66271	Blue	Fabric
2023AN3035-S15	Contour Melange 67138	Blue-Green	Fabric
2023AN3035-S16	Contour Melange 67139	Dark blue-green	Fabric
2023AN3035-S17	Contour Melange 68307	Dark Green	Fabric
2023AN3035-S18	Contour Melange 68308	Medium Green	Fabric
2023AN3035-S19	Contour Melange 68312	Medium Green	Fabric
2023AN3035-S20	Contour Melange 68313	Green	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

12/01/2024

Ending test date

26/01/2024

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2023AN3035-S01	7
2023AN3035-S02	6-7
2023AN3035-S03	5
2023AN3035-S04	8
2023AN3035-S05	8
2023AN3035-S06	8
2023AN3035-S07	8
2023AN3035-S08	8
2023AN3035-S09	5-6
2023AN3035-S10	8
2023AN3035-S11	8
2023AN3035-S12	8
2023AN3035-S13	8
2023AN3035-S14	8
2023AN3035-S15	8
2023AN3035-S16	8
2023AN3035-S17	8
2023AN3035-S18	8
2023AN3035-S19	8
2023AN3035-S20	8

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

Reference	Description
2023AN3035-S01	Contour Melange 60358 Dark Grey
2023AN3035-S02	Contour Melange 60359 Medium Grey
2023AN3035-S03	Contour Melange 60998 Black
2023AN3035-S04	Contour Melange 61302 Dark Brown
2023AN3035-S05	Contour Melange 61303 Medium Brown
2023AN3035-S06	Contour Melange 62147 Dark yellow
2023AN3035-S07	Contour Melange 63143 Dark Orange
2023AN3035-S08	Contour Melange 63144 Orange
2023AN3035-S09	Contour Melange 64276 Dark Red
2023AN3035-S10	Contour Melange 64277 Light Red
2023AN3035-S11	Contour Melange 64278 Dark Red
2023AN3035-S12	Contour Melange 64279 Medium Red
2023AN3035-S13	Contour Melange 66270 Dark blue
2023AN3035-S14	Contour Melange 66271 Blue
2023AN3035-S15	Contour Melange 67138 Blue-Green
2023AN3035-S16	Contour Melange 67139 Dark blue-green
2023AN3035-S17	Contour Melange 68307 Dark Green
2023AN3035-S18	Contour Melange 68308 Medium Green
2023AN3035-S19	Contour Melange 68312 Medium Green
2023AN3035-S20	Contour Melange 68313 Green



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

AATCC TM 16.3:2020

Apparatus

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

Starting test date

17/01/2024

Ending test date

19/01/2024

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
2023AN3035-S01	5
2023AN3035-S02	5
2023AN3035-S03	5
2023AN3035-S04	5
2023AN3035-S05	5
2023AN3035-S06	5
2023AN3035-S07	5
2023AN3035-S08	5
2023AN3035-S09	5
2023AN3035-S10	5
2023AN3035-S11	5
2023AN3035-S12	5
2023AN3035-S13	5
2023AN3035-S14	5
2023AN3035-S15	5
2023AN3035-S16	5
2023AN3035-S17	5
2023AN3035-S18	5
2023AN3035-S19	5
2023AN3035-S20	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 BEHAVIOUR
1	VERY POOR

///

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

Reference	Description
2023AN3035-S01	Contour Melange 60358 Dark Grey
2023AN3035-S02	Contour Melange 60359 Medium Grey
2023AN3035-S03	Contour Melange 60998 Black
2023AN3035-S04	Contour Melange 61302 Dark Brown
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2023AN3035-S12	Contour Melange 64279 Medium Red
2023AN3035-S13	Contour Melange 66270 Dark blue
2023AN3035-S14	Contour Melange 66271 Blue
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2023AN3035-S16	Contour Melange 67139 Dark blue-green
2023AN3035-S17	Contour Melange 68307 Dark Green
2023AN3035-S18	Contour Melange 68308 Medium Green
2023AN3035-S19	Contour Melange 68312 Medium Green
2023AN3035-S20	Contour Melange 68313 Green



Isabel Soriano
Laboratories and International Offices Subdirector



Date: 26/01/2024 11:39:50

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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