

# TEST REPORT

**2023AN0648**

## DATE OF RECEPTION

Date Format: dd/MM/yyyy 22/03/2023

## DATE TESTS

Starting: 24/03/2023

Ending: 12/05/2023

## 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
2023AN0648-S01	ART.CAPTURE 2701 GREEN	Fabric
2023AN0648-S02	ART.CAPTURE 2801 DARL GREEN	Fabric
2023AN0648-S03	ART.CAPTURE 2901 LIGHT GREEN	Fabric
2023AN0648-S04	ART.CAPTURE 3001 ORANGE	Fabric
2023AN0648-S05	ART.CAPTURE 3002 LIGHT ORANGE	Fabric
2023AN0648-S06	ART.CAPTURE 3101 BROWN	Fabric
2023AN0648-S07	ART.CAPTURE 3201 LIGHT BROWN	Fabric
2023AN0648-S08	ART.CAPTURE 3202 LIGHT RED ORANGE	Fabric
2023AN0648-S09	ART.CAPTURE 3301 LIGHT BEIGE	Fabric
2023AN0648-S10	ART.CAPTURE 3302 LIGHT BLUE	Fabric
2023AN0648-S11	ART.CAPTURE 3303 LIGHT TURQUISE	Fabric
2023AN0648-S12	ART.CAPTURE 334 LIGHT GREEN	Fabric
2023AN0648-S13	ART.CAPTURE 3305 LIGHT GREY	Fabric
2023AN0648-S14	ART.CAPTURE 3306 LIGHT GREY	Fabric
2023AN0648-S15	ART.CAPTURE 3401 BEIGE	Fabric
2023AN0648-S16	ART.CAPTURE 3402 PURPLE	Fabric
2023AN0648-S17	ART.CAPTURE 3501 DARK BROWN	Fabric
2023AN0648-S18	ART.CAPTURE 3601 LIGHT RED	Fabric
2023AN0648-S19	ART.CAPTURE 3701 DARK RED	Fabric
2023AN0648-S20	ART.CAPTURE 3801 DARK BLUE	Fabric
2023AN0648-S21	ART.CAPTURE 3901 TURQUISE	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

24/03/2023

### Ending test date

06/04/2023

### Exposure conditions

Normal

### Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2023AN0648-S01	6
2023AN0648-S02	6
2023AN0648-S03	6
2023AN0648-S04	6
2023AN0648-S05	6
2023AN0648-S06	6
2023AN0648-S07	5-6
2023AN0648-S08	6
2023AN0648-S09	6
2023AN0648-S10	6
2023AN0648-S11	6
2023AN0648-S12	6
2023AN0648-S13	6
2023AN0648-S14	6
2023AN0648-S15	6
2023AN0648-S16	6
2023AN0648-S17	5-6
2023AN0648-S18	5
2023AN0648-S19	5-6
2023AN0648-S20	6
2023AN0648-S21	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	Description
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2023AN0648-S02	ART.CAPTURE 2801 DARL GREEN
2023AN0648-S03	ART.CAPTURE 2901 LIGHT GREEN
2023AN0648-S04	ART.CAPTURE 3001 ORANGE
2023AN0648-S05	ART.CAPTURE 3002 LIGHT ORANGE
2023AN0648-S06	ART.CAPTURE 3101 BROWN
2023AN0648-S07	ART.CAPTURE 3201 LIGHT BROWN
2023AN0648-S08	ART.CAPTURE 3202 LIGHT RED ORANGE
2023AN0648-S09	ART.CAPTURE 3301 LIGHT BEIGE
2023AN0648-S10	ART.CAPTURE 3302 LIGHT BLUE
2023AN0648-S11	ART.CAPTURE 3303 LIGHT TURQUISE
2023AN0648-S12	ART.CAPTURE 334 LIGHT GREEN
2023AN0648-S13	ART.CAPTURE 3305 LIGHT GREY
2023AN0648-S14	ART.CAPTURE 3306 LIGHT GREY
2023AN0648-S15	ART.CAPTURE 3401 BEIGE
2023AN0648-S16	ART.CAPTURE 3402 PURPLE
2023AN0648-S17	ART.CAPTURE 3501 DARK BROWN
2023AN0648-S18	ART.CAPTURE 3601 LIGHT RED
2023AN0648-S19	ART.CAPTURE 3701 DARK RED
2023AN0648-S20	ART.CAPTURE 3801 DARK BLUE
2023AN0648-S21	ART.CAPTURE 3901 TURQUISE



# RESULTS

## COLOUR FASTNESS TO ARTIFICIAL LIGHT

### Standard

AATCC TM 16.3:2020

### Apparatus

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

### Starting test date

10/05/2023

### Ending test date

12/05/2023

### Exposure conditions

Black Panel 63°C, Relative humidity 30%, 420 nm<sup>2</sup>, 1'10 W/m<sup>2</sup>

### Total radiant energy

6912 KJ/m<sup>2</sup>

### Test conditions

Without simple rotation, Mounting Procedure Backed.

### Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Grey Scale (0278N12)

Reference	Light fastness
2023AN0648-S01	5
2023AN0648-S02	5
2023AN0648-S03	5
2023AN0648-S04	5
2023AN0648-S05	5
2023AN0648-S06	5
2023AN0648-S07	5
2023AN0648-S08	5
2023AN0648-S09	5
2023AN0648-S10	5
2023AN0648-S11	5
2023AN0648-S12	5
2023AN0648-S13	5
2023AN0648-S14	5
2023AN0648-S15	5
2023AN0648-S16	5
2023AN0648-S17	5
2023AN0648-S18	5
2023AN0648-S19	5
2023AN0648-S20	5
2023AN0648-S21	5

### Remark

The fastness grade indicated comes up to:

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



<b>Reference</b>	<b>Description</b>
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2023AN0648-S20	ART.CAPTURE 3801 DARK BLUE
2023AN0648-S21	ART.CAPTURE 3901 TURQUISE



Isabel Soriano  
Chief of Innovation Area



Date: 12/05/2023 12:17:46

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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