

# TEST REPORT

**2024AN1321**

## DATE OF RECEPTION

Date Format: dd/MM/yyyy 03/06/2024

## APPLICANT

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

## DATE TESTS

Starting: 05/06/2024  
Ending: 19/06/2024

Att. BENTE ELLINGSOE

## IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2024AN1321-S01	Noma 63151 Light Orange	Fabric
2024AN1321-S02	Noma 61316 Light Brown	Fabric
2024AN1321-S03	Noma 62155 Light yellow	Fabric
2024AN1321-S04	Noma 64285 Dark Red	Fabric
2024AN1321-S05	Noma 63152 Light Orange	Fabric
2024AN1321-S06	Noma 64286 Orange-Red	Fabric
2024AN1321-S07	Noma 68324 Medium Green	Fabric
2024AN1321-S08	Noma 68263 Green	Fabric
2024AN1321-S09	Noma 67140 Light Blue-Green	Fabric
2024AN1321-S10	Noma 66282 Blue	Fabric
2024AN1321-S11	Noma 66283 Light Blue	Fabric
2024AN1321-S12	Noma 66138 Dark Blue	Fabric

## TESTS CARRIED OUT

- COLOUR FASTNESS TO ARTIFICIAL LIGHT.

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



## SAMPLE/S DESCRIPTION

### Reference

AITEX Reference
2024AN1321-S01
2024AN1321-S02
2024AN1321-S03
2024AN1321-S04
2024AN1321-S05
2024AN1321-S06
2024AN1321-S07
2024AN1321-S08
2024AN1321-S09
2024AN1321-S10
2024AN1321-S11
2024AN1321-S12



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The test was carried out at laboratory located at Carretera Banyeres 10 - 03802 Alcoi, Alicante



# RESULTS

## COLOUR FASTNESS TO ARTIFICIAL LIGHT

**Standard**

EN ISO 105-B02:2014. Method 2

**Apparatus**

Xenotest 440 02423E06

**Starting test date**

05/06/2024

**Ending test date**

19/06/2024

**Exposure conditions**

Normal

**Evaluation conditions**

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2024AN1321-S01	7-8
2024AN1321-S02	6
2024AN1321-S03	7-8
2024AN1321-S04	6
2024AN1321-S05	7-8
2024AN1321-S06	7-8
2024AN1321-S07	7-8
2024AN1321-S08	7-8
2024AN1321-S09	7-8
2024AN1321-S10	7-8
2024AN1321-S11	7-8
2024AN1321-S12	7-8

**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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Reference by AITEX	Reference by customer
2024AN1321-S01	Noma 63151 Light Orange
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2024AN1321-S03	Noma 62155 Light yellow
2024AN1321-S04	Noma 64285 Dark Red
2024AN1321-S05	Noma 63152 Light Orange
2024AN1321-S06	Noma 64286 Orange-Red
2024AN1321-S07	Noma 68324 Medium Green
2024AN1321-S08	Noma 68263 Green
2024AN1321-S09	Noma 67140 Light Blue-Green
2024AN1321-S10	Noma 66282 Blue
2024AN1321-S11	Noma 66283 Light Blue
2024AN1321-S12	Noma 66138 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**

05/06/2024

**Ending test date**

07/06/2024

**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
2024AN1321-S01	5
2024AN1321-S02	5
2024AN1321-S03	5
2024AN1321-S04	5
2024AN1321-S05	5
2024AN1321-S06	5
2024AN1321-S07	5
2024AN1321-S08	5
2024AN1321-S09	5
2024AN1321-S10	5
2024AN1321-S11	5
2024AN1321-S12	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

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2024AN1321-S10	Noma 66282 Blue
2024AN1321-S11	Noma 66283 Light Blue
2024AN1321-S12	Noma 66138 Dark Blue



Date: 21/06/2024 18:01:28

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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