

TEST REPORT

2024AN0313

DATE OF RECEPTION

Date Format: dd/MM/yyyy 06/02/2024

DATE TESTS

Starting: 07/02/2024

Ending: 23/02/2024

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
2024AN0313-S01	Noma col. 67103	Fabric

TESTS CARRIED OUT

- COLOUR FASTNESS TO ARTIFICIAL LIGHT.
- COLOUR FASTNESS TO RUBBING.

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

Rev.1 This revision cancels and replaces the previous





RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

EN ISO 105-B02:2014. Method 2

Apparatus

Xenotest 440 02423E06

Starting test date

09/02/2024

Ending test date

23/02/2024

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2024AN0313-S01	5

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



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

ISO 105-X12:2016

Apparatus

Crockmeter

Starting test date

07/02/2024

Ending test date

13/02/2024

Conditioning time

> 4 H

Atmosphere for conditioning and testing

Temperature	(20±2) °C
Relative Humidity	(65±2) %Hr

Pin

Cylindrical

Applied force

(9 ± 0,2) N

% of water absorption for rubbing in humid

95-100 %

REFERENCE	DIRECTION	DRY STAINING	WET STAINING
2024AN0313-S01	Warp	4-5	4-5
	Weft	4-5	4-5

REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2024AN0313-S01	Warp	5	5
	Weft	5	5

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

**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

According to standards ISO 105-A02 e ISO 105-A03



Date: 28/02/2024 14:37:25

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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