

TEST REPORT

2025AN2303

DATE OF RECEPTION

Date Format: dd/MM/yyyy 20/08/2025

DATE TESTS

Starting: 21/08/2025

Ending: 16/09/2025

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
2025AN2303-S01	art. Twist Melange col. 61102	Fabric

TESTS CARRIED OUT

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

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



**DESCRIPTION OF SAMPLES**

Reference by AITEX: 2025AN2303-S01

Reference by customer:

art. Twist Melange col. 61102

AITEX sample description:

Fabric

Composition provided by the customer:

100% Trevira



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

ISO 105-X12:2016

Apparatus

Crockmeter

Starting test date

21/08/2025

Ending test date

16/09/2025

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
2025AN2303-S01	Warp	4-5	4-5
	Weft	4-5	4-5

REFERENCE	DIRECTION	DRY CHANGUE COLOUR	WET CHANGUE COLOUR
2025AN2303-S01	Warp	5	5
	Weft	5	5

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RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

EN ISO 105-B02:2014. Method 2

Starting test date

22/08/2025

Ending test date

05/09/2025

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2025AN2303-S01	7-8

Remark

The fastness grade indicated comes up to:

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

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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**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



Isabel Soriano
Laboratories and International Offices Subdirector



Date: 16/09/2025 13:36:35

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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