

TEST REPORT

2024AN2022

DATE OF RECEPTION

Date Format: dd/MM/yyyy 27/08/2024

DATE TESTS

Starting: 29/08/2024

Ending: 03/09/2024

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
2024AN2022-S01	Noma 63151 Light Orange	Fabric
2024AN2022-S02	Noma 61316 Light Brown	Fabric
2024AN2022-S03	Noma 62155 Light yellow	Fabric
2024AN2022-S04	Noma 64285 Dark Red	Fabric
2024AN2022-S05	Noma 63152 Light Orange	Fabric
2024AN2022-S06	Noma 64286 Orange-Red	Fabric
2024AN2022-S07	Noma 68324 Medium Green	Fabric
2024AN2022-S08	Noma 68263 Green	Fabric
2024AN2022-S09	Noma 67140 Light Blue-Green	Fabric
2024AN2022-S10	Noma 66282 Blue	Fabric
2024AN2022-S11	Noma 66283 Light Blue	Fabric
2024AN2022-S12	Noma 66138 Dark Blue	Fabric

TESTS CARRIED OUT

- COLOUR FASTNESS TO RUBBING.

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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S01



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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S02



///

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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S03



///

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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S04



///

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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S05



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

**SAMPLE/S DESCRIPTION**

Reference

AITEX Reference
2024AN2022-S06



///

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

**SAMPLE/S DESCRIPTION**

Reference

AITEX Reference
2024AN2022-S07



///

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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S08



///

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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S09



///

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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S10



///

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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S11



///

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



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN2022-S12



///

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



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

AATCC TM 8:2016

Apparatus

Crockmeter

Starting test date

03/09/2024

Ending test date

03/09/2024

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2024AN2022-S01	5	5
2024AN2022-S02	5	5
2024AN2022-S03	5	5
2024AN2022-S04	5	5
2024AN2022-S05	5	5
2024AN2022-S06	5	5
2024AN2022-S07	5	5
2024AN2022-S08	5	5
2024AN2022-S09	5	5
2024AN2022-S10	5	5
2024AN2022-S11	5	5
2024AN2022-S12	5	5

///

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

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2024AN2022-S05	Noma 63152 Light Orange
2024AN2022-S06	Noma 64286 Orange-Red
2024AN2022-S07	Noma 68324 Medium Green
2024AN2022-S08	Noma 68263 Green
2024AN2022-S09	Noma 67140 Light Blue-Green
2024AN2022-S10	Noma 66282 Blue
2024AN2022-S11	Noma 66283 Light Blue
2024AN2022-S12	Noma 66138 Dark Blue



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

ISO 105-X12:2016

Apparatus

Crockmeter

Starting test date

29/08/2024

Ending test date

03/09/2024

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
2024AN2022-S01	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S02	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S03	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S04	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S05	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S06	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S07	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S08	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S09	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S10	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S11	Warp	5	4-5
	Weft	5	4-5
2024AN2022-S12	Warp	5	4-5
	Weft	5	4-5



REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2024AN2022-S01	Warp	5	5
	Weft	5	5
2024AN2022-S02	Warp	5	5
	Weft	5	5
2024AN2022-S03	Warp	5	5
	Weft	5	5
2024AN2022-S04	Warp	5	5
	Weft	5	5
2024AN2022-S05	Warp	5	5
	Weft	5	5
2024AN2022-S06	Warp	5	5
	Weft	5	5
2024AN2022-S07	Warp	5	5
	Weft	5	5
2024AN2022-S08	Warp	5	5
	Weft	5	5
2024AN2022-S09	Warp	5	5
	Weft	5	5
2024AN2022-S10	Warp	5	5
	Weft	5	5
2024AN2022-S11	Warp	5	5
	Weft	5	5
2024AN2022-S12	Warp	5	5
	Weft	5	5

///

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

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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



Date: 04/09/2024 9:05:23

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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