

TEST REPORT

2025AN0933

DATE OF RECEPTION

Date Format: dd/MM/yyyy 06/05/2025

DATE TESTS

Starting: 12/05/2025

Ending: 29/05/2025

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
2025AN0933-S01	Design nr.2379 1101 Black	Fabric
2025AN0933-S02	Design nr.2379 1102 Light grey	Fabric
2025AN0933-S03	Design nr.2379 1103 Beige	Fabric
2025AN0933-S04	Design nr.2379 1104 Light beige	Fabric
2025AN0933-S05	Design nr.2379 1105 Dark yellow	Fabric
2025AN0933-S06	Design nr.2379 1106 Yellow	Fabric
2025AN0933-S07	Design nr.2379 1107 Green	Fabric
2025AN0933-S08	Design nr.2379 1108 Orange light brown	Fabric
2025AN0933-S09	Design nr.2379 1109 Orange brown	Fabric
2025AN0933-S10	Design nr.2379 1110 Orange light red	Fabric
2025AN0933-S11	Design nr.2379 1111 Light blue	Fabric
2025AN0933-S12	Design nr.2379 1112 Turquoise	Fabric

TESTS CARRIED OUT

- COLOUR FASTNESS TO RUBBING.

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





RESULTS

COLOUR FASTNESS TO RUBBING

Standard

ISO 105-X12:2016

Apparatus

Crockmeter

Starting test date

12/05/2025

Ending test date

29/05/2025

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
2025AN0933-S01	Warp	5	4-5
	Weft	5	4-5
2025AN0933-S02	Warp	5	5
	Weft	5	5
2025AN0933-S03	Warp	5	5
	Weft	5	5
2025AN0933-S04	Warp	5	5
	Weft	5	5
2025AN0933-S05	Warp	5	5
	Weft	5	5
2025AN0933-S06	Warp	5	5
	Weft	5	5
2025AN0933-S07	Warp	5	5
	Weft	5	5
2025AN0933-S08	Warp	5	5
	Weft	5	5
2025AN0933-S09	Warp	5	5
	Weft	5	5
2025AN0933-S10	Warp	5	5
	Weft	5	5
2025AN0933-S11	Warp	5	5
	Weft	5	5
2025AN0933-S12	Warp	5	5
	Weft	5	5

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REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2025AN0933-S01	Warp	5	5
	Weft	5	5
2025AN0933-S02	Warp	5	5
	Weft	5	5
2025AN0933-S03	Warp	5	5
	Weft	5	5
2025AN0933-S04	Warp	5	5
	Weft	5	5
2025AN0933-S05	Warp	5	5
	Weft	5	5
2025AN0933-S06	Warp	5	5
	Weft	5	5
2025AN0933-S07	Warp	5	5
	Weft	5	5
2025AN0933-S08	Warp	5	5
	Weft	5	5
2025AN0933-S09	Warp	5	5
	Weft	5	5
2025AN0933-S10	Warp	5	5
	Weft	5	5
2025AN0933-S11	Warp	5	5
	Weft	5	5
2025AN0933-S12	Warp	5	5
	Weft	5	5

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2025AN0933-S10	Fabric	Design nr.2379 1110 Orange light red
2025AN0933-S11	Fabric	Design nr.2379 1111 Light blue
2025AN0933-S12	Fabric	Design nr.2379 1112 Turquoise



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

AATCC TM 8:2016

Apparatus

Crockmeter

Starting test date

12/05/2025

Ending test date

22/05/2025

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2025AN0933-S01	4-5	4-5
2025AN0933-S02	5	5
2025AN0933-S03	5	5
2025AN0933-S04	5	5
2025AN0933-S05	5	5
2025AN0933-S06	5	5
2025AN0933-S07	4-5	4-5
2025AN0933-S08	5	5
2025AN0933-S09	5	5
2025AN0933-S10	4-5	5
2025AN0933-S11	4-5	4-5
2025AN0933-S12	5	5

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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: 02/06/2025 9:23:28

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