

TEST REPORT

2023AN2984

DATE OF RECEPTION

Date Format: dd/MM/yyyy 18/12/2023

DATE TESTS

Starting: 27/12/2023

Ending: 02/01/2024

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
2023AN2984-S01	Future loop Col. 63172 Orange	Fabric
2023AN2984-S02	Future Loop 64274 Light Red	Fabric
2023AN2984-S03	Future loop 64275 Red	Fabric
2023AN2984-S04	Future loop 68306 Yellow Green	Fabric
2023AN2984-S05	Future loop 67137 Turquoise	Fabric
2023AN2984-S06	Future loop 66269 Blue	Fabric
2023AN2984-S07	Future loop 60356 Grey	Fabric
2023AN2984-S08	Future loop 60357 Dark Grey	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

27/12/2023

Ending test date

02/01/2024

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
2023AN2984-S01	Warp	5	4-5
	Weft	5	4-5
2023AN2984-S02	Warp	5	4-5
	Weft	5	4-5
2023AN2984-S03	Warp	4-5	4-5
	Weft	4-5	4-5
2023AN2984-S04	Warp	4-5	4-5
	Weft	4-5	4-5
2023AN2984-S05	Warp	5	4-5
	Weft	5	4-5
2023AN2984-S06	Warp	5	4-5
	Weft	5	4-5
2023AN2984-S07	Warp	5	5
	Weft	5	5
2023AN2984-S08	Warp	5	4-5
	Weft	5	4-5



REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2023AN2984-S01	Warp	5	5
	Weft	5	5
2023AN2984-S02	Warp	5	5
	Weft	5	5
2023AN2984-S03	Warp	5	5
	Weft	5	5
2023AN2984-S04	Warp	5	5
	Weft	5	5
2023AN2984-S05	Warp	5	5
	Weft	5	5
2023AN2984-S06	Warp	5	5
	Weft	5	5
2023AN2984-S07	Warp	5	5
	Weft	5	5
2023AN2984-S08	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

Reference	Description
2023AN2984-S01	Future loop Col. 63172 Orange
2023AN2984-S02	Future Loop 64274 Light Red
2023AN2984-S03	Future loop 64275 Red
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2023AN2984-S06	Future loop 66269 Blue
2023AN2984-S07	Future loop 60356 Grey
2023AN2984-S08	Future loop 60357 Dark Grey



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

AATCC TM 8:2016

Apparatus

Crockmeter

Starting test date

02/01/2024

Ending test date

02/01/2024

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2023AN2984-S01	5	5
2023AN2984-S02	5	5
2023AN2984-S03	4-5	4-5
2023AN2984-S04	4-5	4-5
2023AN2984-S05	5	5
2023AN2984-S06	5	5
2023AN2984-S07	5	5
2023AN2984-S08	5	5

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The test was carried out at laboratory located at Carretera Banyeres s/n - 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



Date: 03/01/2024 9:37:48

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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