

TEST REPORT

2024AN1590

DATE OF RECEPTION

Date Format: dd/MM/yyyy 27/06/2024

DATE TESTS

Starting: 28/06/2024

Ending: 04/07/2024

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
2024AN1590-S01	Tonal 62156 Light Yellow	Fabric
2024AN1590-S02	Tonal 63153 Light Red-Orange	Fabric
2024AN1590-S03	Tonal 61317 Light Beige	Fabric
2024AN1590-S04	Tonal 66284 Light Grey-Blue	Fabric
2024AN1590-S05	Tonal 65147 Grey Purple	Fabric
2024AN1590-S06	tonal 66245 Blue	Fabric
2024AN1590-S07	Tonal; 68264 Dark Green	Fabric
2024AN1590-S08	Tonal 68325 Green	Fabric
2024AN1590-S09	Tonal 68261 Light Yellow-Green	Fabric
2024AN1590-S10	Tonal 68277 Dark Yellow-Green	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

AATCC TM 8:2016

Apparatus

Crockmeter

Starting test date

28/06/2024

Ending test date

04/07/2024

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2024AN1590-S01	5	5
2024AN1590-S02	5	5
2024AN1590-S03	5	5
2024AN1590-S04	5	5
2024AN1590-S05	5	5
2024AN1590-S06	5	5
2024AN1590-S07	5	5
2024AN1590-S08	5	5

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

Reference by AITEX	Reference by customer
2024AN1590-S01	Tonal 62156 Light Yellow
2024AN1590-S02	Tonal 63153 Light Red-Orange
2024AN1590-S03	Tonal 61317 Light Beige
2024AN1590-S04	Tonal 66284 Light Grey-Blue
2024AN1590-S05	Tonal 65147 Grey Purple
2024AN1590-S06	tonal 66245 Blue
2024AN1590-S07	Tonal; 68264 Dark Green
2024AN1590-S08	Tonal 68325 Green



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

ISO 105-X12:2016

Apparatus

Crockmeter

Starting test date

28/06/2024

Ending test date

04/07/2024

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
2024AN1590-S01	Warp	5	5
	Weft	5	5
2024AN1590-S02	Warp	5	5
	Weft	5	5
2024AN1590-S03	Warp	5	5
	Weft	5	5
2024AN1590-S04	Warp	5	5
	Weft	5	5
2024AN1590-S05	Warp	5	4-5
	Weft	5	4-5
2024AN1590-S06	Warp	5	5
	Weft	5	5
2024AN1590-S07	Warp	5	5
	Weft	5	5
2024AN1590-S08	Warp	5	5
	Weft	5	5



REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2024AN1590-S01	Warp	5	5
	Weft	5	5
2024AN1590-S02	Warp	5	5
	Weft	5	5
2024AN1590-S03	Warp	5	5
	Weft	5	5
2024AN1590-S04	Warp	5	5
	Weft	5	5
2024AN1590-S05	Warp	5	5
	Weft	5	5
2024AN1590-S06	Warp	5	5
	Weft	5	5
2024AN1590-S07	Warp	5	5
	Weft	5	5
2024AN1590-S08	Warp	5	5
	Weft	5	5

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2024AN1590-S07	Tonal; 68264 Dark Green
2024AN1590-S08	Tonal 68325 Green



SAMPLE/S DESCRIPTION

Reference

AITEX Reference
2024AN1590-S01
2024AN1590-S02
2024AN1590-S03
2024AN1590-S04
2024AN1590-S05
2024AN1590-S06
2024AN1590-S07
2024AN1590-S08
2024AN1590-S09
2024AN1590-S10



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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: 08/07/2024 7:51:17

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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