

TEST REPORT

2024AN0484

DATE OF RECEPTION

Date Format: dd/MM/yyyy 22/02/2024

APPLICANT

GABRIEL A/S
HJULMAGERVEJ, 55
DK-9000 Ålborg
Denmark

DATE TESTS

Starting: 23/02/2024
Ending: 29/02/2024

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2024AN0484-S01	Contour Melange 60358 Dark Grey	Fabric
2024AN0484-S02	Contour Melange 60359 Medium Grey	Fabric
2024AN0484-S03	Contour Melange 60998 Black	Fabric
2024AN0484-S04	Contour Melange 61302 Dark Brown	Fabric
2024AN0484-S05	Contour Melange 61303 Medium Brown	Fabric
2024AN0484-S06	Contour Melange 62147 Dark yellow	Fabric
2024AN0484-S07	Contour Melange 63143 Dark Orange	Fabric
2024AN0484-S08	Contour Melange 63144 Orange	Fabric
2024AN0484-S09	Contour Melange 64276 Dark Red	Fabric
2024AN0484-S10	Contour Melange 64277 Light Red	Fabric
2024AN0484-S11	Contour Melange 64278 Dark Red	Fabric
2024AN0484-S12	Contour Melange 64279 Medium Red	Fabric
2024AN0484-S13	Contour Melange 66270 Dark blue	Fabric
2024AN0484-S14	Contour Melange 66271 Blue	Fabric
2024AN0484-S15	Contour Melange 67138 Blue-Green	Fabric
2024AN0484-S16	Contour Melange 67139 Dark blue-green	Fabric
2024AN0484-S17	Contour Melange 68307 Dark Green	Fabric
2024AN0484-S18	Contour Melange 68308 Medium Green	Fabric
2024AN0484-S19	Contour Melange 68312 Medium Green	Fabric
2024AN0484-S20	Contour Melange 68313 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

ISO 105-X12:2016

Apparatus

Crockmeter

Starting test date

23/02/2024

Ending test date

29/02/2024

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
2024AN0484-S01	Warp	5	5
	Weft	5	4-5
2024AN0484-S02	Warp	5	4-5
	Weft	5	5
2024AN0484-S03	Warp	4-5	4-5
	Weft	4	4-5
2024AN0484-S04	Warp	4	4-5
	Weft	4-5	4-5
2024AN0484-S05	Warp	5	5
	Weft	5	4-5
2024AN0484-S06	Warp	5	4
	Weft	4-5	4-5
2024AN0484-S07	Warp	5	4-5
	Weft	5	4-5
2024AN0484-S08	Warp	5	4-5
	Weft	4-5	4-5
2024AN0484-S09	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN0484-S10	Warp	5	5
	Weft	5	5
2024AN0484-S11	Warp	4	4-5
	Weft	4	4-5
2024AN0484-S12	Warp	5	4-5
	Weft	4-5	4-5
2024AN0484-S13	Warp	5	5
	Weft	4-5	5
2024AN0484-S14	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN0484-S15	Warp	4-5	4-5
	Weft	4-5	5
2024AN0484-S16	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN0484-S17	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN0484-S18	Warp	5	4-5
	Weft	5	5
2024AN0484-S19	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN0484-S20	Warp	5	5
	Weft	5	5





REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2024AN0484-S01	Warp	5	5
	Weft	5	5
2024AN0484-S02	Warp	5	5
	Weft	5	5
2024AN0484-S03	Warp	5	5
	Weft	5	5
2024AN0484-S04	Warp	5	5
	Weft	5	5
2024AN0484-S05	Warp	5	5
	Weft	5	5
2024AN0484-S06	Warp	5	5
	Weft	5	5
2024AN0484-S07	Warp	5	5
	Weft	5	5
2024AN0484-S08	Warp	5	5
	Weft	5	5
2024AN0484-S09	Warp	5	5
	Weft	5	5
2024AN0484-S10	Warp	5	5
	Weft	5	5
2024AN0484-S11	Warp	5	5
	Weft	5	5
2024AN0484-S12	Warp	5	5
	Weft	5	5
2024AN0484-S13	Warp	5	5
	Weft	5	5
2024AN0484-S14	Warp	5	5
	Weft	5	5
2024AN0484-S15	Warp	5	5
	Weft	5	5
2024AN0484-S16	Warp	5	5
	Weft	5	5
2024AN0484-S17	Warp	5	5
	Weft	5	5
2024AN0484-S18	Warp	5	5
	Weft	5	5
2024AN0484-S19	Warp	5	5
	Weft	5	5



REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2024AN0484-S20	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
2024AN0484-S01	Contour Melange 60358 Dark Grey
2024AN0484-S02	Contour Melange 60359 Medium Grey
2024AN0484-S03	Contour Melange 60998 Black
2024AN0484-S04	Contour Melange 61302 Dark Brown
2024AN0484-S05	Contour Melange 61303 Medium Brown
2024AN0484-S06	Contour Melange 62147 Dark yellow
2024AN0484-S07	Contour Melange 63143 Dark Orange
2024AN0484-S08	Contour Melange 63144 Orange
2024AN0484-S09	Contour Melange 64276 Dark Red
2024AN0484-S10	Contour Melange 64277 Light Red
2024AN0484-S11	Contour Melange 64278 Dark Red
2024AN0484-S12	Contour Melange 64279 Medium Red
2024AN0484-S13	Contour Melange 66270 Dark blue
2024AN0484-S14	Contour Melange 66271 Blue
2024AN0484-S15	Contour Melange 67138 Blue-Green
2024AN0484-S16	Contour Melange 67139 Dark blue-green
2024AN0484-S17	Contour Melange 68307 Dark Green
2024AN0484-S18	Contour Melange 68308 Medium Green
2024AN0484-S19	Contour Melange 68312 Medium Green
2024AN0484-S20	Contour Melange 68313 Green



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

AATCC TM 8:2016

Apparatus

Crockmeter

Starting test date

23/02/2024

Ending test date

29/02/2024

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2024AN0484-S01	4-5	4-5
2024AN0484-S02	4-5	4-5
2024AN0484-S03	4	4-5
2024AN0484-S04	4	4-5
2024AN0484-S05	5	5
2024AN0484-S06	4-5	4-5
2024AN0484-S07	4-5	4-5
2024AN0484-S08	5	4-5
2024AN0484-S09	4-5	4-5
2024AN0484-S10	4-5	4-5
2024AN0484-S11	3	3-4
2024AN0484-S12	4-5	4-5
2024AN0484-S13	4-5	4-5
2024AN0484-S14	4-5	5
2024AN0484-S15	5	5
2024AN0484-S16	4-5	4-5
2024AN0484-S17	4-5	4-5
2024AN0484-S18	5	4-5
2024AN0484-S19	4-5	4-5
2024AN0484-S20	5	5

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The test was carried out at laboratory located at Carretera Banyeres s/n - 03802 Alcoi, Alicante



Reference	Description
2024AN0484-S01	Contour Melange 60358 Dark Grey
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2024AN0484-S18	Contour Melange 68308 Medium Green
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2024AN0484-S20	Contour Melange 68313 Green

**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: 29/02/2024 15:57:50

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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