

TEST REPORT

2024AN1101

DATE OF RECEPTION

Date Format: dd/MM/yyyy 07/05/2024

APPLICANT

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

DATE TESTS

Starting: 08/05/2024
Ending: 20/05/2024

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer		AITEX sample description
2024AN1101-S01	art. Parcel Loop1701	Light Grey	Fabric
2024AN1101-S02	art. Parcel Loop1801	Grey	Fabric
2024AN1101-S03	art. Parcel Loop1901	Grey Black	Fabric
2024AN1101-S04	art. Parcel Loop2001	Light Beige	Fabric
2024AN1101-S05	art. Parcel Loop 2101	Light Brown	Fabric
2024AN1101-S06	art.Parcel Loop 2201	Blue Yellow-Brown	Fabric
2024AN1101-S07	art. Parcel Loop 2301	Orange	Fabric
2024AN1101-S08	art.Parcel Loop 2401	Brown Orange	Fabric
2024AN1101-S09	art. Parcel Loop 2002	Light Orange	Fabric
2024AN1101-S10	art. Parcel Loop 2501	Red Orange	Fabric
2024AN1101-S11	art. Parcel Loop 2601	Red	Fabric
2024AN1101-S12	art. Parcel Loop 2701	Light Red Brown	Fabric
2024AN1101-S13	art. Parcel Loop 2801	Blue	Fabric
2024AN1101-S14	art. Parcel Loop 2901	Dark Blue	Fabric
2024AN1101-S15	art. Parcel Loop 1702	Light Blue	Fabric
2024AN1101-S16	art. Parcel Loop 1202	Light Green	Fabric
2024AN1101-S17	art. Parcel Loop 3001	Grey Green	Fabric
2024AN1101-S18	art. Parcel Loop 3101	Brown Yellow	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

08/05/2024

Ending test date

20/05/2024

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
2024AN1101-S01	Warp	5	5
	Weft	5	5
2024AN1101-S02	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN1101-S03	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN1101-S04	Warp	5	5
	Weft	5	5
2024AN1101-S05	Warp	5	5
	Weft	5	5
2024AN1101-S06	Warp	5	5
	Weft	5	5
2024AN1101-S07	Warp	5	5
	Weft	5	5
2024AN1101-S08	Warp	5	5
	Weft	5	5
2024AN1101-S09	Warp	5	5
	Weft	5	5
2024AN1101-S10	Warp	5	5
	Weft	5	5
2024AN1101-S11	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN1101-S12	Warp	5	5
	Weft	5	5
2024AN1101-S13	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN1101-S14	Warp	4-5	4-5
	Weft	4-5	4-5
2024AN1101-S15	Warp	5	5
	Weft	5	5
2024AN1101-S16	Warp	5	5
	Weft	5	5
2024AN1101-S17	Warp	5	5
	Weft	5	5
2024AN1101-S18	Warp	5	5
	Weft	5	5



REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2024AN1101-S01	Warp	5	5
	Weft	5	5
2024AN1101-S02	Warp	5	5
	Weft	5	5
2024AN1101-S03	Warp	5	5
	Weft	5	5
2024AN1101-S04	Warp	5	5
	Weft	5	5
2024AN1101-S05	Warp	5	5
	Weft	5	5
2024AN1101-S06	Warp	5	5
	Weft	5	5
2024AN1101-S07	Warp	5	5
	Weft	5	5
2024AN1101-S08	Warp	5	5
	Weft	5	5
2024AN1101-S09	Warp	5	5
	Weft	5	5
2024AN1101-S10	Warp	5	5
	Weft	5	5
2024AN1101-S11	Warp	5	5
	Weft	5	5
2024AN1101-S12	Warp	5	5
	Weft	5	5
2024AN1101-S13	Warp	5	5
	Weft	5	5
2024AN1101-S14	Warp	5	5
	Weft	5	5
2024AN1101-S15	Warp	5	5
	Weft	5	5
2024AN1101-S16	Warp	5	5
	Weft	5	5
2024AN1101-S17	Warp	5	5
	Weft	5	5
2024AN1101-S18	Warp	5	5
	Weft	5	5

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



Reference	Description
2024AN1101-S01	art. Parcel Loop1701 Light Grey
2024AN1101-S02	art. Parcel Loop1801 Grey
2024AN1101-S03	art. Parcel Loop1901 Grey Black
2024AN1101-S04	art. Parcel Loop2001 Light Beige
2024AN1101-S05	art. Parcel Loop 2101 Light Brown
2024AN1101-S06	art.Parcel Loop 2201 Blue Yellow- Brown
2024AN1101-S07	art. Parcel Loop 2301 Orange
2024AN1101-S08	art.Parcel Loop 2401 Brown Orange
2024AN1101-S09	art. Parcel Loop 2002 Light Orange
2024AN1101-S10	art. Parcel Loop 2501 Red Orange
2024AN1101-S11	art. Parcel Loop 2601 Red
2024AN1101-S12	art. Parcel Loop 2701 Light Red Brown
2024AN1101-S13	art. Parcel Loop 2801 Blue
2024AN1101-S14	art. Parcel Loop 2901 Dark Blue
2024AN1101-S15	art. Parcel Loop 1702 Light Blue
2024AN1101-S16	art. Parcel Loop 1202 Light Green
2024AN1101-S17	art. Parcel Loop 3001 Grey Green
2024AN1101-S18	art. Parcel Loop 3101 Brown Yellow



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

AATCC TM 8:2016

Apparatus

Crockmeter

Starting test date

08/05/2024

Ending test date

20/05/2024

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2024AN1101-S01	5	5
2024AN1101-S02	4-5	4-5
2024AN1101-S03	4-5	4-5
2024AN1101-S04	5	5
2024AN1101-S05	5	5
2024AN1101-S06	5	5
2024AN1101-S07	5	5
2024AN1101-S08	5	5
2024AN1101-S09	5	5
2024AN1101-S10	5	5
2024AN1101-S11	4-5	4-5
2024AN1101-S12	5	5
2024AN1101-S13	4-5	4-5
2024AN1101-S14	4-5	4-5
2024AN1101-S15	5	5
2024AN1101-S16	5	5
2024AN1101-S17	5	5
2024AN1101-S18	5	5

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

Reference	Description
2024AN1101-S01	art. Parcel Loop1701 Light Grey
2024AN1101-S02	art. Parcel Loop1801 Grey
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2024AN1101-S04	art. Parcel Loop2001 Light Beige
2024AN1101-S05	art. Parcel Loop 2101 Light Brown
2024AN1101-S06	art.Parcel Loop 2201 Blue Yellow- Brown
2024AN1101-S07	art. Parcel Loop 2301 Orange
2024AN1101-S08	art.Parcel Loop 2401 Brown Orange
2024AN1101-S09	art. Parcel Loop 2002 Light Orange
2024AN1101-S10	art. Parcel Loop 2501 Red Orange
2024AN1101-S11	art. Parcel Loop 2601 Red
2024AN1101-S12	art. Parcel Loop 2701 Light Red Brown
2024AN1101-S13	art. Parcel Loop 2801 Blue
2024AN1101-S14	art. Parcel Loop 2901 Dark Blue
2024AN1101-S15	art. Parcel Loop 1702 Light Blue
2024AN1101-S16	art. Parcel Loop 1202 Light Green
2024AN1101-S17	art. Parcel Loop 3001 Grey Green
2024AN1101-S18	art. Parcel Loop 3101 Brown Yellow

**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: 20/05/2024 16:39:46

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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