

TEST REPORT

2023AN0107

DATE OF RECEPTION

Date Format: dd/MM/yyyy 19/01/2023

DATE TESTS

Starting: 31/01/2023

Ending: 10/02/2023

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
2023AN0107-S01	Art.Atlantic 68274 Yellow Green	Fabric
2023AN0107-S02	Art.Atlantic 60095 Light Grey	Fabric
2023AN0107-S03	Art.Atlantic 61269 Light Red Brown	Fabric
2023AN0107-S04	Art.Atlantic 61270 Light Yellow Brown	Fabric
2023AN0107-S05	Art.Atlantic 66249 Light Blue	Fabric
2023AN0107-S06	Art.Atlantic 61128 Beige	Fabric
2023AN0107-S07	Art.Atlantic 61110 Beige	Fabric
2023AN0107-S08	Art.Atlantic 61271 Brown	Fabric
2023AN0107-S09	Art.Atlantic 60333 Dark Grey	Fabric
2023AN0107-S10	Art.Atlantic 60334 Grey	Fabric
2023AN0107-S11	Art.Atlantic 65142 Light Purple	Fabric
2023AN0107-S12	Art.Atlantic 61272 Yellow Brown	Fabric
2023AN0107-S13	Art.Atlantic 63127 Light Orange	Fabric
2023AN0107-S14	Art.Atlantic 64255 Light Red	Fabric
2023AN0107-S15	Art.Atlantic 66140 Grey Blue	Fabric
2023AN0107-S16	Art.Atlantic 66095 Light Blue	Fabric
2023AN0107-S17	Art.Atlantic 66123 Dark Blue	Fabric
2023AN0107-S18	Art.Atlantic 66250 Light Blue	Fabric
2023AN0107-S19	Art.Atlantic 67128 Light Turquoise	Fabric
2023AN0107-S20	Art.Atlantic 68275 Light Green	Fabric
2023AN0107-S21	Art.Atlantic 68276 Green	Fabric
2023AN0107-S22	Art.Atlantic 68277 Dark Yellow Green	Fabric
2023AN0107-S23	68110 Dark 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

31/01/2023

Ending test date

10/02/2023

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
2023AN0107-S01	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S02	Lengthwise	5	5
	Crosswise	5	5
2023AN0107-S03	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S04	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S05	Lengthwise	5	5
	Crosswise	5	5
2023AN0107-S06	Lengthwise	5	5
	Crosswise	5	5
2023AN0107-S07	Lengthwise	5	5
	Crosswise	5	5
2023AN0107-S08	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S09	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S10	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S11	Lengthwise	5	5
	Crosswise	5	5
2023AN0107-S12	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S13	Lengthwise	5	5
	Crosswise	5	5
2023AN0107-S14	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S15	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S16	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S17	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S18	Lengthwise	5	5
	Crosswise	5	5
2023AN0107-S19	Lengthwise	5	5
	Crosswise	5	5
2023AN0107-S20	Lengthwise	5	5
	Crosswise	5	5



2023AN0107-S21	Lengthwise	5	5
	Crosswise	5	5
2023AN0107-S22	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0107-S23	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5

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RESULTS

COLOUR FASTNESS TO RUBBING

Standard

AATCC TM 8:2013

Apparatus

Crockmeter

Starting test date

31/01/2023

Ending test date

10/02/2023

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2023AN0107-S01	4-5	4-5
2023AN0107-S02	5	5
2023AN0107-S03	4-5	4-5
2023AN0107-S04	5	5
2023AN0107-S05	5	5
2023AN0107-S06	5	5
2023AN0107-S07	5	5
2023AN0107-S08	4-5	4-5
2023AN0107-S09	4-5	4-5
2023AN0107-S10	4-5	4-5
2023AN0107-S11	5	5
2023AN0107-S12	4-5	4-5
2023AN0107-S13	5	5
2023AN0107-S14	4-5	4-5
2023AN0107-S15	4-5	4-5
2023AN0107-S16	4-5	4-5
2023AN0107-S17	4-5	4-5
2023AN0107-S18	5	5
2023AN0107-S19	5	5
2023AN0107-S20	5	5
2023AN0107-S21	5	5
2023AN0107-S22	4-5	4-5
2023AN0107-S23	4-5	4-5

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RESULTS

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



Isabel Soriano
Chief of Innovation Area



Date: 17/02/2023 7:53:51

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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