

TEST REPORT

2023AN1076

DATE OF RECEPTION

Date Format: dd/MM/yyyy 08/05/2023

DATE TESTS

Starting: 10/05/2023

Ending: 11/05/2023

APPLICANT

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

Att. BENTE ELLINGSOE

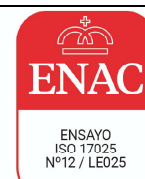
IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2023AN1076-S01	ART. BEYOND LOOP 66086 Blue	Fabric
2023AN1076-S02	ART. BEYOND LOOP 60344 Dark Grey	Fabric
2023AN1076-S03	ART. BEYOND LOOP 64265 Red	Fabric
2023AN1076-S04	ART. BEYOND LOOP 68297 Yellow Green	Fabric
2023AN1076-S05	ART. BEYOND LOOP 61163 Dark Beige	Fabric
2023AN1076-S06	ART. BEYOND LOOP 60999 Black	Fabric
2023AN1076-S07	ART. BEYOND LOOP 60343 Grey	Fabric
2023AN1076-S08	ART. BEYOND LOOP 62142 Dark 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

10/05/2023

Ending test date

11/05/2023

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
2023AN1076-S01	Lengthwise	5	5
	Crosswise	5	5
2023AN1076-S02	Lengthwise	5	5
	Crosswise	5	5
2023AN1076-S03	Lengthwise	5	5
	Crosswise	5	5
2023AN1076-S04	Lengthwise	5	5
	Crosswise	5	5
2023AN1076-S05	Lengthwise	5	5
	Crosswise	5	5
2023AN1076-S06	Lengthwise	5	5
	Crosswise	5	5
2023AN1076-S07	Lengthwise	5	5
	Crosswise	5	5
2023AN1076-S08	Lengthwise	5	5
	Crosswise	5	5

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Reference	Description
2023AN1076-S01	ART. BEYOND LOOP 66086 Blue
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2023AN1076-S03	ART. BEYOND LOOP 64265 Red
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2023AN1076-S08	ART. BEYOND LOOP 62142 Dark Yellow



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

AATCC TM 8:2016

Apparatus

Crockmeter

Starting test date

11/05/2023

Ending test date

11/05/2023

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2023AN1076-S01	5	5
2023AN1076-S02	5	5
2023AN1076-S03	5	5
2023AN1076-S04	5	5
2023AN1076-S05	5	5
2023AN1076-S06	5	5
2023AN1076-S07	5	5
2023AN1076-S08	5	5

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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



Isabel Soriano
Chief of Innovation Area



Date: 12/05/2023 10:43:55

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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