

## TEST REPORT

**2023AN1368**

### DATE OF RECEPTION

*Date Format: dd/MM/yyyy* 05/06/2023

### DATE TESTS

Starting: 06/06/2023

Ending: 27/06/2023

### APPLICANT

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

Att. alexander Holtermann

### IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2023AN1368-S01	SoftNext, col 2001	Fabric
2023AN1368-S02	SoftNext, col 1501	Fabric
2023AN1368-S03	Parcel Loop, col 1201	Fabric
2023AN1368-S04	Parcel Loop, col 1301	Fabric
2023AN1368-S05	Parcel Loop, col 1302	Fabric
2023AN1368-S06	Parcel Loop, col 1401	Fabric
2023AN1368-S07	Parcel Loop, col 1501	Fabric
2023AN1368-S08	Parcel Loop, col 1601	Fabric

### TESTS CARRIED OUT

- COLOUR FASTNESS TO ARTIFICIAL LIGHT.
- COLOUR FASTNESS TO RUBBING.

Tests marked with \* are not included within the scope of the ENAC accreditation.





## RESULTS

### COLOUR FASTNESS TO ARTIFICIAL LIGHT

**Standard**

EN ISO 105-B02:2014. Method 2

**Apparatus**

Xenotest 440 02423E06

**Starting test date**

13/06/2023

**Ending test date**

27/06/2023

**Exposure conditions**

Normal

**Evaluation conditions**

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2023AN1368-S01	8
2023AN1368-S02	8
2023AN1368-S03	8
2023AN1368-S04	8
2023AN1368-S05	8
2023AN1368-S06	8
2023AN1368-S07	8
2023AN1368-S08	8

**Remark**

The fastness grade indicated comes up to:

- Depth change: No notes
- Hue change: No notes
- Brightness change: No notes

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**MEANING OF COLOUR VALUES FASTNESS TO ARTIFICIAL LIGHT**

VALUE	MEANING
8	EXCELLENT
7	VERY GOOD
6	GOOD
5	MODERATE
4	FAIR
3	POOR BEHAVIOUR
2	POOR BEHAVIOUR
1	VERY POOR

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Reference	Description
2023AN1368-S01	SoftNext, col 2001
2023AN1368-S02	SoftNext, col 1501
2023AN1368-S03	Parcel Loop, col 1201
2023AN1368-S04	Parcel Loop, col 1301
2023AN1368-S05	Parcel Loop, col 1302
2023AN1368-S06	Parcel Loop, col 1401
2023AN1368-S07	Parcel Loop, col 1501
2023AN1368-S08	Parcel Loop, col 1601



## RESULTS

### COLOUR FASTNESS TO RUBBING

**Standard**

ISO 105-X12:2016

**Apparatus**

Crockmeter

**Starting test date**

06/06/2023

**Ending test date**

20/06/2023

**Conditioning time**

&gt; 4 H

**Atmosphere for conditioning and testing**

<b>Temperature</b>	(20±2) °C
<b>Relative Humidity</b>	(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
2023AN1368-S01	Warp	4-5	4-5
	Weft	4-5	4-5
2023AN1368-S02	Warp	5	5
	Weft	5	5
2023AN1368-S03	Warp	4-5	4-5
	Weft	4-5	4-5
2023AN1368-S04	Warp	4-5	4-5
	Weft	4-5	4-5
2023AN1368-S05	Warp	4-5	4-5
	Weft	4-5	4-5
2023AN1368-S06	Warp	4-5	4-5
	Weft	4-5	4-5
2023AN1368-S07	Warp	4-5	4-5
	Weft	4-5	4-5
2023AN1368-S08	Warp	4-5	4-5
	Weft	4-5	4-5

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Reference	Description
2023AN1368-S01	SoftNext, col 2001
2023AN1368-S02	SoftNext, col 1501
2023AN1368-S03	Parcel Loop, col 1201
2023AN1368-S04	Parcel Loop, col 1301
2023AN1368-S05	Parcel Loop, col 1302
2023AN1368-S06	Parcel Loop, col 1401
2023AN1368-S07	Parcel Loop, col 1501
2023AN1368-S08	Parcel Loop, col 1601

**MEANING OF COLOUR FASTNESS APPRAISAL EVALUATED WITH GREY SCALE**

<b>VALUE</b>	<b>MEANING</b>
5	VERY GOOD - EXCELLENT
4	GOOD
3	FAIR - MODERATE
2	POOR - BEHAVIOUR
1	VERY POOR



Isabel Soriano  
Chief of Innovation Area



Date: 27/06/2023 11:49:45

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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