

# TEST REPORT

**2024AN2853**

## DATE OF RECEPTION

Date Format: dd/MM/yyyy 21/11/2024

## DATE TESTS

Starting: 21/11/2024

Ending: 08/01/2025

## 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
2024AN2853-S01	Mica 2496	60002	Grey	Fabric
2024AN2853-S02	Mica 2496	60004	Light Grey	Fabric
2024AN2853-S03	Mica 2496	60021	Dark Grey	Fabric
2024AN2853-S04	Mica 2496	61008	Light Beige	Fabric
2024AN2853-S05	Mica 2496	66006	Dark Blue	Fabric
2024AN2853-S06	Mica 2496	67017	Dark Turquoise	Fabric
2024AN2853-S07	Mica 2496	68145	Light Green	Fabric
2024AN2853-S08	Mica 2496	68146	Green	Fabric
2024AN2853-S09	Mica 2496	62093	Light Yellow	Fabric
2024AN2853-S10	Mica 2496	62048	Green Yellow	Fabric
2024AN2853-S11	Mica 2496	65112	Purple	Fabric
2024AN2853-S12	Mica 2496	62095	Brown Yellow	Fabric
2024AN2853-S13	Mica 2496	64183	Light Red	Fabric
2024AN2853-S14	Mica 2496	64146	Orange Red	Fabric
2024AN2853-S15	Mica 2496	64119	Red	Fabric
2024AN2853-S16	Mica 2496	64029	Dark Red	Fabric
2024AN2853-S17	Mica 2496	67070	Green Blue	Fabric
2024AN2853-S18	Mica 2496	66188	Violet	Fabric
2024AN2853-S19	Mica 2496	62096	Yellow	Fabric
2024AN2853-S20	Mica 2496	66031	L. Blue	Fabric
2024AN2853-S21	Mica 2496	66030	Blue	Fabric
2024AN2853-S22	Mica 2496	67015	L. Green	Fabric
2024AN2853-S23	Mica 2496	67042	Blue green	Fabric

## TESTS CARRIED OUT

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

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**

21/11/2024

**Ending test date**

08/01/2025

**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 %

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## Results

REFERENCE	DIRECTION	DRY STAINING	WET STAINING
2024AN2853-S01	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S02	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S03	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S04	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S05	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S06	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S07	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S08	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S09	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S10	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S11	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S12	Lengthwise	5	5
	Crosswise	5	5

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## Results

REFERENCE	DIRECTION	DRY STAINING	WET STAINING
2024AN2853-S13	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S14	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S15	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2024AN2853-S16	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S17	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S18	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2024AN2853-S19	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S20	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S21	Lengthwise	4-5	5
	Crosswise	4-5	5
2024AN2853-S22	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S23	Lengthwise	4-5	5
	Crosswise	4-5	5

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## Results

REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2024AN2853-S01	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S02	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S03	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S04	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S05	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S06	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S07	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S08	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S09	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S10	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S11	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S12	Lengthwise	5	5
	Crosswise	5	5

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## Results

REFERENCE	DIRECTION	CHANGUE IN COLOUR DRY	CHANGUE IN COLOUR WET
2024AN2853-S13	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S14	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S15	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S16	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S17	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S18	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S19	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S20	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S21	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S22	Lengthwise	5	5
	Crosswise	5	5
2024AN2853-S23	Lengthwise	5	5
	Crosswise	5	5

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Reference by AITEX	Description	Reference by customer
2024AN2853-S01	Fabric	Mica 2496 60002 Grey
2024AN2853-S02	Fabric	Mica 2496 60004 Light Grey
2024AN2853-S03	Fabric	Mica 2496 60021 Dark Grey
2024AN2853-S04	Fabric	Mica 2496 61008 Light Beige
2024AN2853-S05	Fabric	Mica 2496 66006 Dark Blue
2024AN2853-S06	Fabric	Mica 2496 67017 Dark Turquoise
2024AN2853-S07	Fabric	Mica 2496 68145 Light Green
2024AN2853-S08	Fabric	Mica 2496 68146 Green
2024AN2853-S09	Fabric	Mica 2496 62093 Light Yellow
2024AN2853-S10	Fabric	Mica 2496 62048 Green Yellow
2024AN2853-S11	Fabric	Mica 2496 65112 Purple
2024AN2853-S12	Fabric	Mica 2496 62095 Brown Yellow
2024AN2853-S13	Fabric	Mica 2496 64183 Light Red
2024AN2853-S14	Fabric	Mica 2496 64146 Orange Red
2024AN2853-S15	Fabric	Mica 2496 64119 Red
2024AN2853-S16	Fabric	Mica 2496 64029 Dark Red
2024AN2853-S17	Fabric	Mica 2496 67070 Green Blue
2024AN2853-S18	Fabric	Mica 2496 66188 Violet
2024AN2853-S19	Fabric	Mica 2496 62096 Yellow
2024AN2853-S20	Fabric	Mica 2496 66031 L. Blue
2024AN2853-S21	Fabric	Mica 2496 66030 Blue
2024AN2853-S22	Fabric	Mica 2496 67015 L. Green
2024AN2853-S23	Fabric	Mica 2496 67042 Blue green



# RESULTS

## COLOUR FASTNESS TO ARTIFICIAL LIGHT

**Standard**

EN ISO 105-B02:2014. Method 2

**Apparatus**

Xenotest 440 02423E06

**Starting test date**

29/11/2024

**Ending test date**

13/12/2024

**Exposure conditions**

Normal

**Evaluation conditions**

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2024AN2853-S01	8
2024AN2853-S02	8
2024AN2853-S03	8
2024AN2853-S04	8
2024AN2853-S05	8
2024AN2853-S06	8
2024AN2853-S07	8
2024AN2853-S08	8
2024AN2853-S09	8
2024AN2853-S10	8
2024AN2853-S11	8
2024AN2853-S12	8
2024AN2853-S13	8
2024AN2853-S14	8
2024AN2853-S15	8
2024AN2853-S16	8
2024AN2853-S17	8
2024AN2853-S18	8
2024AN2853-S19	8
2024AN2853-S20	8
2024AN2853-S21	8
2024AN2853-S22	8
2024AN2853-S23	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 by AITEX	Description	Reference by customer
2024AN2853-S01	Fabric	Mica 2496 60002 Grey
2024AN2853-S02	Fabric	Mica 2496 60004 Light Grey
2024AN2853-S03	Fabric	Mica 2496 60021 Dark Grey
2024AN2853-S04	Fabric	Mica 2496 61008 Light Beige
2024AN2853-S05	Fabric	Mica 2496 66006 Dark Blue
2024AN2853-S06	Fabric	Mica 2496 67017 Dark Turquoise
2024AN2853-S07	Fabric	Mica 2496 68145 Light Green
2024AN2853-S08	Fabric	Mica 2496 68146 Green
2024AN2853-S09	Fabric	Mica 2496 62093 Light Yellow
2024AN2853-S10	Fabric	Mica 2496 62048 Green Yellow
2024AN2853-S11	Fabric	Mica 2496 65112 Purple
2024AN2853-S12	Fabric	Mica 2496 62095 Brown Yellow
2024AN2853-S13	Fabric	Mica 2496 64183 Light Red
2024AN2853-S14	Fabric	Mica 2496 64146 Orange Red
2024AN2853-S15	Fabric	Mica 2496 64119 Red
2024AN2853-S16	Fabric	Mica 2496 64029 Dark Red
2024AN2853-S17	Fabric	Mica 2496 67070 Green Blue
2024AN2853-S18	Fabric	Mica 2496 66188 Violet
2024AN2853-S19	Fabric	Mica 2496 62096 Yellow
2024AN2853-S20	Fabric	Mica 2496 66031 L. Blue
2024AN2853-S21	Fabric	Mica 2496 66030 Blue
2024AN2853-S22	Fabric	Mica 2496 67015 L. Green
2024AN2853-S23	Fabric	Mica 2496 67042 Blue green

**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

According to standards ISO 105-A02 e ISO 105-A03



**Isabel Soriano**  
Laboratories and International Offices Subdirector



Date: 09/01/2025 8:57:13

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

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