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research & innovation center

TEST REPORT

2022AN7277

DATE OF RECEPTION

Date Format: dd/MM/yyyy 22/11/2022

DATE TESTS

Starting: 25/11/2022

Ending: 09/12/2022

APPLICANT

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

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2022AN7277-S01	Art. Lense 66245 Blue	Fabric
2022AN7277-S02	Art. Lense 66149 Blue	Fabric
2022AN7277-S03	Art. Lense 65011 Blue Purple	Fabric
2022AN7277-S04	Art. Lense 68268 Light Green	Fabric
2022AN7277-S05	Art. Lense 67126 Light Turquoise	Fabric
2022AN7277-S06	Art. Lense 67127 Turquoise	Fabric
2022AN7277-S07	Art. Lense 66246 Green Blue	Fabric
2022AN7277-S08	Art. Lense 66247 Light Blue	Fabric
2022AN7277-S09	Art. Lense 65139 Blue Purple	Fabric
2022AN7277-S10	Art. Lense 66248 Blue	Fabric
2022AN7277-S11	Art. Lense 65140 Grey Purple	Fabric
2022AN7277-S12	Art. Lense 63123 Dark Orange	Fabric
2022AN7277-S13	Art. Lense 63124 Red Orange	Fabric
2022AN7277-S14	Art. Lense 63125 Light Orange	Fabric
2022AN7277-S15	Art. Lense 63012 Light Orange	Fabric
2022AN7277-S16	Art. Lense 63126 Light Orange	Fabric
2022AN7277-S17	Art. Lense 61266 Dark Brown	Fabric
2022AN7277-S18	Art. Lense 64254 Dark Brown Red	Fabric
2022AN7277-S19	Art. Lense 64240 Light Red	Fabric
2022AN7277-S20	Art. Lense 61267 Light Beige	Fabric
2022AN7277-S21	Art. Lense 61268 Beige	Fabric
2022AN7277-S22	Art. Lense 60999 Black	Fabric
2022AN7277-S23	Art. Lense 60332 Dark Grey	Fabric
2022AN7277-S24	Art. Lense 60108 Dark Grey	Fabric
2022AN7277-S25	Art. Lense 60106 Grey	Fabric
2022AN7277-S26	Art. Lense 60105 Light Grey	Fabric
2022AN7277-S27	Art. Lense 65103 Dark Violet	Fabric
2022AN7277-S28	Art. Lense 65141 Violet	Fabric
2022AN7277-S29	Art. Lense 62132 Dark Yellow	Fabric
2022AN7277-S30	Art. Lense 62133 Light Yellow	Fabric
2022AN7277-S31	Art. Lense 62134 Light Yellow	Fabric

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





2022AN7277-S32	Art. Lense 68269 Yellow Green	Fabric
2022AN7277-S33	Art. Lense 68270 Dark Yellow Green	Fabric
2022AN7277-S34	Art. Lense 68271 Light Green	Fabric
2022AN7277-S35	Art. Lense 68272 Green	Fabric
2022AN7277-S36	Art. Lense 68273 Dark Green	Fabric

TESTS CARRIED OUT

- COLOUR FASTNESS TO ARTIFICIAL LIGHT.



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

EN ISO 105-B02:2014. Method 2

Apparatus

Xenotest 440 02423E06

Starting test date

25/11/2022

Ending test date

09/12/2022

Exposure conditions

Normal

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2022AN7277-S01	7-8
2022AN7277-S02	7-8
2022AN7277-S03	7-8
2022AN7277-S04	7-8
2022AN7277-S05	7-8
2022AN7277-S06	7-8
2022AN7277-S07	7-8
2022AN7277-S08	6-7
2022AN7277-S09	5
2022AN7277-S10	7-8
2022AN7277-S11	7-8
2022AN7277-S12	7-8
2022AN7277-S13	7-8
2022AN7277-S14	7-8
2022AN7277-S15	7-8
2022AN7277-S16	7-8
2022AN7277-S17	7-8
2022AN7277-S18	7-8
2022AN7277-S19	7-8
2022AN7277-S20	7-8
2022AN7277-S21	7-8
2022AN7277-S22	7-8
2022AN7277-S23	7-8
2022AN7277-S24	7-8
2022AN7277-S25	7-8
2022AN7277-S26	7-8
2022AN7277-S27	5
2022AN7277-S28	7
2022AN7277-S29	7-8
2022AN7277-S30	7-8



Reference	Light fastness
2022AN7277-S31	7-8
2022AN7277-S32	7-8
2022AN7277-S33	7-8
2022AN7277-S34	7-8
2022AN7277-S35	7-8
2022AN7277-S36	7-8

REMARK

The fastness grade indicated comes up to:

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



RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

AATCC TM 16.3:2020

Apparatus

WEATHER-OMETER, ATLAS CI 3000 (C-19816)

Starting test date

02/12/2022

Ending test date

05/12/2022

Exposure conditions

Black Panel 63°C, Relative humidity 30%, 420 nm², 1'10 W/m²

Total radiant energy

6912 KJ/m²

Test conditions

Without simple rotation, Mounting Procedure Backed.

Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Grey Scale (0278N12)

Reference	Light fastness
2022AN7277-S01	5
2022AN7277-S02	5
2022AN7277-S03	5
2022AN7277-S04	5
2022AN7277-S05	5
2022AN7277-S06	5
2022AN7277-S07	5
2022AN7277-S08	5
2022AN7277-S09	5
2022AN7277-S10	5
2022AN7277-S11	5
2022AN7277-S12	5
2022AN7277-S13	5
2022AN7277-S14	5
2022AN7277-S15	5
2022AN7277-S16	5
2022AN7277-S17	5
2022AN7277-S18	5
2022AN7277-S19	5
2022AN7277-S20	5
2022AN7277-S21	5
2022AN7277-S22	5
2022AN7277-S23	5
2022AN7277-S24	5
2022AN7277-S25	5



Reference	Light fastness
2022AN7277-S26	5
2022AN7277-S27	5
2022AN7277-S28	5
2022AN7277-S29	5
2022AN7277-S30	5
2022AN7277-S31	5
2022AN7277-S32	5
2022AN7277-S33	5
2022AN7277-S34	5
2022AN7277-S35	5
2022AN7277-S36	5

Remark

The fastness grade indicated comes up to:

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



Isabel Soriano
Chief of Innovation Area



Date: 15/12/2022 13:24:34

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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