

# TEST REPORT

**2023AN0498**

## DATE OF RECEPTION

Date Format: dd/MM/yyyy 16/11/2022

## DATE TESTS

Starting: 09/03/2023

Ending: 21/03/2023

## 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
2023AN0498-S01	Art. Lense 66245 Blue	Fabric
2023AN0498-S02	Art. Lense 66149 Blue	Fabric
2023AN0498-S03	Art. Lense 65011 Blue Purple	Fabric
2023AN0498-S04	Art. Lense 68268 Light Green	Fabric
2023AN0498-S05	Art. Lense 67126 Light Turquoise	Fabric
2023AN0498-S06	Art. Lense 67127 Turquoise	Fabric
2023AN0498-S07	Art. Lense 66246 Green Blue	Fabric
2023AN0498-S08	Art. Lense 66247 Light Blue	Fabric
2023AN0498-S09	Art. Lense 65139 Blue Purple	Fabric
2023AN0498-S10	Art. Lense 66248 Blue	Fabric
2023AN0498-S11	Art. Lense 65140 Grey Purple	Fabric
2023AN0498-S12	Art. Lense 63123 Dark Orange	Fabric
2023AN0498-S13	Art. Lense 63124 Red Orange	Fabric
2023AN0498-S14	Art. Lense 63125 Light Orange	Fabric
2023AN0498-S15	Art. Lense 63012 Light Orange	Fabric
2023AN0498-S16	Art. Lense 63126 Light Orange	Fabric
2023AN0498-S17	Art. Lense 61266 Dark Brown	Fabric
2023AN0498-S18	Art. Lense 64254 Dark Brown Red	Fabric
2023AN0498-S19	Art. Lense 64240 Light Red	Fabric
2023AN0498-S20	Art. Lense 61267 Light Beige	Fabric
2023AN0498-S21	Art. Lense 61268 Beige	Fabric
2023AN0498-S22	Art. Lense 60999 Black	Fabric
2023AN0498-S23	Art. Lense 60332 Dark Grey	Fabric
2023AN0498-S24	Art. Lense 60108 Dark Grey	Fabric
2023AN0498-S25	Art. Lense 60106 Grey	Fabric
2023AN0498-S26	Art. Lense 60105 Light Grey	Fabric
2023AN0498-S27	Art. Lense 65103 Dark Violet	Fabric
2023AN0498-S28	Art. Lense 65141 Violet	Fabric
2023AN0498-S29	Art. Lense 62132 Dark Yellow	Fabric
2023AN0498-S30	Art. Lense 62133 Light Yellow	Fabric
2023AN0498-S31	Art. Lense 62134 Light Yellow	Fabric

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





2023AN0498-S32	Art. Lense 68269 Yellow Green	Fabric
2023AN0498-S33	Art. Lense 68270 Dark Yellow Green	Fabric
2023AN0498-S34	Art. Lense 68271 Light Green	Fabric
2023AN0498-S35	Art. Lense 68272 Green	Fabric
2023AN0498-S36	68273 Dark Green	Fabric

**TESTS CARRIED OUT**

- COLOUR FASTNESS TO RUBBING.



## RESULTS

### COLOUR FASTNESS TO RUBBING

**Standard**

AATCC TM 8:2016

**Apparatus**

Crockmeter

**Starting test date**

09/03/2023

**Ending test date**

16/03/2023

**Scale used**

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2023AN0498-S01	5	5
2023AN0498-S02	5	5
2023AN0498-S03	5	5
2023AN0498-S04	5	5
2023AN0498-S05	5	5
2023AN0498-S06	5	5
2023AN0498-S07	5	5
2023AN0498-S08	5	5
2023AN0498-S09	5	5
2023AN0498-S10	4-5	5
2023AN0498-S11	4-5	5
2023AN0498-S12	4-5	4-5
2023AN0498-S13	4-5	4-5
2023AN0498-S14	4-5	4-5
2023AN0498-S15	4-5	4-5
2023AN0498-S16	4-5	5
2023AN0498-S17	4-5	4-5
2023AN0498-S18	4-5	4-5
2023AN0498-S19	5	5
2023AN0498-S20	5	5
2023AN0498-S21	5	5
2023AN0498-S22	4-5	5
2023AN0498-S23	4-5	4-5
2023AN0498-S24	4-5	4-5
2023AN0498-S25	4-5	5
2023AN0498-S26	4-5	5
2023AN0498-S27	4-5	4-5
2023AN0498-S28	4-5	5
2023AN0498-S29	4-5	4-5
2023AN0498-S30	4-5	5
2023AN0498-S31	4-5	5
2023AN0498-S32	4-5	4-5
2023AN0498-S33	4-5	4-5
2023AN0498-S34	4-5	5
2023AN0498-S35	4-5	4-5
2023AN0498-S36	4-5	4-5

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## RESULTS

### COLOUR FASTNESS TO RUBBING

**Standard**

ISO 105-X12:2016

**Apparatus**

Crockmeter

**Starting test date**

09/03/2023

**Ending test date**

21/03/2023

**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
2023AN0498-S01	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S02	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S03	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S04	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S05	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S06	Lengthwise	4-5	4-5
	Crosswise	5	4-5
2023AN0498-S07	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S08	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S09	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S10	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S11	Lengthwise	4-5	5
	Crosswise	4-5	4-5
2023AN0498-S12	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S13	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0498-S14	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0498-S15	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0498-S16	Lengthwise	4-5	4-5
	Crosswise	4-5	4-5
2023AN0498-S17	Lengthwise	5	4-5
	Crosswise	5	4-5
2023AN0498-S18	Lengthwise	5	4-5
	Crosswise	5	4-5
2023AN0498-S19	Lengthwise	5	5
	Crosswise	5	5
2023AN0498-S20	Lengthwise	5	5
	Crosswise	5	5



<b>2023AN0498-S21</b>	Lengthwise	5	4-5
	Crosswise	5	4-5
<b>2023AN0498-S22</b>	Lengthwise	5	4-5
	Crosswise	5	4-5
<b>2023AN0498-S23</b>	Lengthwise	5	4-5
	Crosswise	5	4-5
<b>2023AN0498-S24</b>	Lengthwise	5	4-5
	Crosswise	5	4-5
<b>2023AN0498-S25</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S26</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S27</b>	Lengthwise	5	4-5
	Crosswise	5	4-5
<b>2023AN0498-S28</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S29</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S30</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S31</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S32</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S33</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S34</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S35</b>	Lengthwise	5	5
	Crosswise	5	5
<b>2023AN0498-S36</b>	Lengthwise	5	4-5
	Crosswise	5	4-5

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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: 21/03/2023 21:31:23

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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