

# TEST REPORT

**2024AN0489**

## DATE OF RECEPTION

Date Format: dd/MM/yyyy 23/02/2024

## APPLICANT

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

## DATE TESTS

Starting: 28/02/2024  
Ending: 13/03/2024

Att. BENTE ELLINGSOE

## IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2024AN0489-S01	art.Parcel Loop 1701 Light Grey	Fabric
2024AN0489-S02	art.Parcel Loop 1801 Grey	Fabric
2024AN0489-S03	art.Parcel Loop 1901 Grey Black	Fabric
2024AN0489-S04	art.Parcel Loop 2001 Light Beige	Fabric
2024AN0489-S05	art.Parcel Loop 2101 Light Brown	Fabric
2024AN0489-S06	art.Parcel Loop 2201 Blue Yellow-Brown	Fabric
2024AN0489-S07	art.Parcel Loop 2301 Orange	Fabric
2024AN0489-S08	art.Parcel Loop 2401 Brown Orange	Fabric
2024AN0489-S09	art.Parcel Loop 2002 Light Orange	Fabric
2024AN0489-S10	art. Parcel Loop 2501 Red Orange	Fabric
2024AN0489-S11	art. Parcel Loop 2601 Red	Fabric
2024AN0489-S12	art. Parcel Loop 2701 Light Red Brown	Fabric
2024AN0489-S13	art. Parcel Loop 2801 Blue	Fabric
2024AN0489-S14	art.Parcel Loop 2901 Dark Blue	Fabric
2024AN0489-S15	art. Parcel Loop 1702 Light Blue	Fabric
2024AN0489-S16	art.Parcel Loop 1202 Light Green	Fabric
2024AN0489-S17	art.Parcel Loop 3001 Grey Green	Fabric
2024AN0489-S18	art.Parcel Loop 3101 Brown Yellow	Fabric

## TESTS CARRIED OUT

- COLOUR FASTNESS TO ARTIFICIAL LIGHT.

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**

28/02/2024

**Ending test date**

13/03/2024

**Exposure conditions**

Normal

**Evaluation conditions**

Light camera Gretagmacbeth (02021N06)

Reference	Light fastness
2024AN0489-S01	8
2024AN0489-S02	8
2024AN0489-S03	8
2024AN0489-S04	8
2024AN0489-S05	8
2024AN0489-S06	8
2024AN0489-S07	8
2024AN0489-S08	8
2024AN0489-S09	8
2024AN0489-S10	8
2024AN0489-S11	8
2024AN0489-S12	8
2024AN0489-S13	8
2024AN0489-S14	8
2024AN0489-S15	8
2024AN0489-S16	8
2024AN0489-S17	8
2024AN0489-S18	8

**Remark**

The fastness grade indicated comes up to:

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

&gt;&gt;&gt;


**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

///

The test was carried out at laboratory located at Carretera Banyeres s/n - 03802 Alcoi, Alicante

Reference	Description
2024AN0489-S01	art.Parcel Loop 1701 Light Grey
2024AN0489-S02	art.Parcel Loop 1801 Grey
2024AN0489-S03	art.Parcel Loop 1901 Grey Black
2024AN0489-S04	art.Parcel Loop 2001 Light Beige
2024AN0489-S05	art.Parcel Loop 2101 Light Brown
2024AN0489-S06	art.Parcel Loop 2201 Blue Yellow-Brown
2024AN0489-S07	art.Parcel Loop 2301 Orange
2024AN0489-S08	art.Parcel Loop 2401 Brown Orange
2024AN0489-S09	art.Parcel Loop 2002 Light Orange
2024AN0489-S10	art.Parcel Loop 2501 Red Orange
2024AN0489-S11	art.Parcel Loop 2601 Red
2024AN0489-S12	art.Parcel Loop 2701 Light Red Brown
2024AN0489-S13	art.Parcel Loop 2801 Blue
2024AN0489-S14	art.Parcel Loop 2901 Dark Blue
2024AN0489-S15	art.Parcel Loop 1702 Light Blue
2024AN0489-S16	art.Parcel Loop 1202 Light Green
2024AN0489-S17	art.Parcel Loop 3001 Grey Green
2024AN0489-S18	art.Parcel Loop 3101 Brown Yellow



# RESULTS

## COLOUR FASTNESS TO ARTIFICIAL LIGHT

### Standard

AATCC TM 16.3:2020

### Apparatus

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

### Starting test date

06/03/2024

### Ending test date

08/03/2024

### Exposure conditions

Black Panel 63°C, Relative humidity 30%, 420 nm<sup>2</sup>, 1'10 W/m<sup>2</sup>

### Total radiant energy

6912 KJ/m<sup>2</sup>

### Test conditions

Without simple rotation, Mounting Procedure Backed.

### Evaluation conditions

Light camera Gretagmacbeth (02021N06)

Grey Scale (0278N12)

Reference	Light fastness
2024AN0489-S01	5
2024AN0489-S02	5
2024AN0489-S03	5
2024AN0489-S04	5
2024AN0489-S05	5
2024AN0489-S06	5
2024AN0489-S07	5
2024AN0489-S08	5
2024AN0489-S09	5
2024AN0489-S10	5
2024AN0489-S11	5
2024AN0489-S12	5
2024AN0489-S13	5
2024AN0489-S14	5
2024AN0489-S15	5
2024AN0489-S16	5
2024AN0489-S17	5
2024AN0489-S18	5

### Remark

The fastness grade indicated comes up to:

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

>>>



## 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

///

The test was carried out at laboratory located at Carretera Banyeres s/n - 03802 Alcoi, Alicante

Reference	Description
2024AN0489-S01	art.Parcel Loop 1701 Light Grey
2024AN0489-S02	art Parcel Loop 1801 Grey
2024AN0489-S03	art.Parcel Loop 1901 Grey Black
2024AN0489-S04	art.Parcel Loop 2001 Light Beige
2024AN0489-S05	art.Parcel Loop 2101 Light Brown
2024AN0489-S06	art.Parcel Loop 2201 Blue Yellow-Brown
2024AN0489-S07	art.Parcel Loop 2301 Orange
2024AN0489-S08	art.Parcel Loop 2401 Brown Orange
2024AN0489-S09	art.Parcel Loop 2002 Light Orange
2024AN0489-S10	art. Parcel Loop 2501 Red Orange
2024AN0489-S11	art. Parcel Loop 2601 Red
2024AN0489-S12	art. Parcel Loop 2701 Light Red Brown
2024AN0489-S13	art. Parcel Loop2801 Blue
2024AN0489-S14	art.Parcel Loop 2901 Dark Blue
2024AN0489-S15	art. Parcel Loop1702 Light Blue
2024AN0489-S16	art.Parcel Loop 1202 Light Green
2024AN0489-S17	art.Parcel Loop 3001 Grey Green
2024AN0489-S18	art.Parcel Loop 3101 Brown Yellow



Date: 13/03/2024 12:42:11

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF: 52716426N

## LIABILITY CLAUSES

- 1.- AITEX is liable only for the results of the methods of analysis used, as expressed in the report and referring exclusively to the materials or samples indicated in the same which are in its possession, the professional and legal liability of the Centre being limited to these. Unless otherwise stated, the samples were freely chosen and sent by the applicant.
- 2.- AITEX shall not be liable in any case of misuse of the test materials nor for undue interpretation or use of this document. AITEX laboratories do not carry out sampling.
- 3.- The Offer and / or Order to which the applicant gives approval through signature and seal, constitutes the Legally Executable Agreement in which AITEX is responsible for safeguarding and guaranteeing the absolute confidentiality of the management of all the information obtained or created during the performance of the contracted activities.
- 4.- In the eventuality of discrepancies between reports, a check to settle the same will be carried out in the head offices of AITEX. Also, the applicants undertake to notify AITEX of any complaint received by them as a result of the report, exempting this Centre from all liability if such is not done, the periods of conservation of the samples being taken into account.
- 5.- AITEX will provide at the request of the person concerned, the treatment of complaints procedure. In the event that you want to make it, direct it to: [calidad@aitex.es](mailto:calidad@aitex.es).
- 6.- AITEX is not responsible for the information provided by customers, which is reflected in the Report, and may affect the validity of the results.
- 7.- AITEX is not responsible for an inadequate state of the sample received that could compromise the validity of the results, expressing such circumstance, in the test reports.
- 8.- AITEX may include in its reports, analyses, results, etc., any other evaluation which it considers necessary, even when it has not been specifically requested.
- 9.- When a Declaration of Conformity is requested, if not indicated otherwise, the decision rule according to ILAC-G8: 2009 will be applied with a security zone of 1U and a Probability of False Acceptance <2.5%.
- 10.- The uncertainties of tests, which are made explicit in the Results Report, have been estimated for a  $k = 2$  (95% probability of coverage). If not informed, they are available to the client in AITEX.
- 11.- The original materials and rests of samples, not subject to test, will be retained in AITEX during the twelve months following the issuance of the report, so that any check or claim which, in his case, wanted to make the applicant, should be exercised within the period indicated.
- 12.- This report may only be sent or delivered by hand to the applicant or to a person duly authorised by the same.
- 13.- The results of the tests and the statement of compliance with the specification in this report refer only to the test sample as it has been analyzed / tested and not the sample / item which has taken the test sample.
- 14.- The client must attend at all times, to the dates of the realization of the tests.
- 15.- According to Resolution EA (33) 31, the test reports must include the unique identification of the sample, and any brand or label of the manufacturer may be added. It is not allowed to re-issue test reports of untested sample names (references), they can only be re-issued for error correction or inclusion of omitted data that were already available at the time of the test. The laboratory can not assume responsibility for declaring that the product with the new trade name / trademark is strictly identical to the one originally tested; This responsibility belongs to the client.
- 16.- This report may not be partially reproduced without the written approval of the issuing laboratory.
- 17.- The tests have been carried out at the Alcoy plant with the address described on the first page of the report, unless another location is indicated in the results sheet of the specific test.