

TEST REPORT

2019AN2831

DATE OF RECEPTION

24/09/2019

DATE TESTS

Starting: 24/09/2019

Ending: 30/09/2019

APPLICANT

GABRIEL A/S
HULMAGERVEJ 55
DK-9000 Ålborg

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

REFERENCES

ART.Hush 8808 col.60159

TESTS CARRIED OUT

- COLOUR FASTNESS TO ARTIFICIAL LIGHT / *STANDARD*.
- COLOUR FASTNESS TO RUBBING / *STANDARD*.
- MEANING OF COLOUR FASTNESS APPRAISAL EVALUATED WITH GREY SCALE.

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



RESULTADOS / RESULTS

COLOUR FASTNESS TO ARTIFICIAL LIGHT

Standard

EN ISO 105-B02:2014. Method 3

Apparatus

Xenotest 440 02423E06

Exposure conditions

Normal

Evaluation conditions

Cámara de luces Gretagmacbeth (02021N06)

Reference	Requisite	Result	Light fastness
ART.Hush 8808 col.60159	6	PASS	7

REMARK

The fastness grade indicated comes up to:

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

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

///



RESULTADOS / RESULTS

COLOUR FASTNESS TO RUBBING

Standard

ISO 105-X12:2016

Apparatus

Crockmeter

Starting test date

24/09/2019

Ending test date

30/09/2019

Conditioning time

> 4 H

Atmosphere for conditioning and testing
Temperature (20±2) °C

Relative Humidity (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	
ART.Hush 8808 col.60159	Lengthwise	4-5		4-5
	Crosswise	4-5		4-5

///



RESULTADOS / RESULTS

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

LIABILITY CLAUSES

- 1.- AITECH 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.- AITECH shall not be liable in any case of misuse of the test materials nor for undue interpretation or use of this document
- 3.- The Offer and / or Order to which the applicant gives approval through signature and seal, constitutes the Legally Executable Agreement in which AITECH 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 AITECH. Also, the applicants undertake to notify AITECH 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.- AITECH is not responsible for the information provided by customers, which is reflected in the Report, and may affect the validity of the results.
- 6.- AITECH will provide at the request of the person concerned, the treatment of complaints procedure.
- 7.- AITECH 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.- AITECH 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 will be applied according to ILAC-G8 & ISO 10576-1, in case of ambiguity, or indeterminacy
- 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 AITECH.
- 11.- The original materials and rests of samples, not subject to test, will be retained in AITECH 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.