



Report VN735 129272.2

Test Report

Applicant

ENGLISCH DEKOR HandelsGmbH & CoKG
Scheydgasse 29
1210-Wien
Austria

Reference

Heinz Fleischmann

Application

Determination of the colour fastness to urine.

Test material

„mammut B1“

Material used in testing was anonymized for laboratory purposes. A detailed sample list is contained in the report.

Issuing and Signatures

Number of pages contained: 4
Original Issue / Vienna 01.06.2017 / da2
Translation

Authorised for Institute
Ing. Hannes Vittek

Contents

1	Order	2
1.1	Chronology	2
1.2	Samples	2
2	Findings / Tests performed.....	3
2.1	Description of the specimen / Information by the applicant	3
2.2	Determination of colour fastness to urine.....	3
3	Remarks	4

1 Order

1.1 Chronology

Date	Received	Order
25.04.2017	26.04.2017	Determination of colour fastness to urine.

1.2 Samples

Nr.	Received	Sample Identification
1	26.04.2017	„A2871“
2	26.04.2017	„A2870“
3	26.04.2017	„A2888“
4	26.04.2017	„A2883“
5	26.04.2017	„A2900“

(Unless otherwise stated samples are provided by the customer.)

2 Findings / Tests performed

2.1 Description of the specimen / Information by the applicant

The samples listed under point 1.2. are coated knitted fabrics of the collection "mammut B1" (coating: 100% PVC) only in different colours.

2.2 Determination of colour fastness to urine

Test conditions

In accordance with: EN ISO 105 E01

Reagent: artificial urine solution

Deviation from standard: Instead of water an artificial urine solution was used.

Test results

Tested sample:	Staining of the adjacent fabric [CO / PA]	Change of colour
1 – „A2871“	5	4 - 5
2 – „A2870“	4 - 5	4 - 5
3 – „A2888“	5	4 - 5
4 – „A2883“	4 - 5	4 - 5
5 – „A2900“	5	5

Staining of the adjacent fabric will be evaluated with the grey scale for assessing staining according to ISO 105-A03. The steps of the grey scale are within the ratings „5“ - no contrast (non-staining of the adjacent fabric) and „1“ - maximum contrast (strong staining of the adjacent fabric).

The **assessment of change of colour** is based on the extent of the visible contrast between treated and untreated specimen. This difference in coloration will be visually compared with the contrasts defined by the five pairs of neutral grey colour on the grey scale „Change in colour“ according to ISO 105-A02. Each step of the grey scale corresponds to a fastness-rating, starting with numerical rating 5 (no contrast) up to numerical rating 1 (maximum contrast).

3 Remarks

Validity

There are no regulations concerning duration of validity in the individual test standards. As the results of the examinations refer only to the submitted and examined samples, the report is valid for these for an unlimited period. A period of validity specified as part of an expert evaluation is in the discretion of the consultant or the ÖTI.

The applicability of results and expert evaluations for materials not tested is in the responsibility of the applicant. Whereby an apportionment of results as well as any specified period of validity can only be done for identically constructed products and only as long as the product produced unchanged.

Possible national or international restrictions concerning the terms of usability of test and classification reports have to be considered; this is not the responsibility of the test laboratory.

Sample Material

Results of performed tests only refer to the sample material provided.

Without explicit written other agreement testing is destructive and the sample material is transferred to the property of ÖTI, which is entitled to freely decide on storage and disposal.

Issuance

The valid first issue is done in paper and has single-handed signatures. For reference purposes and filing an unsigned electronic duplicate can be delivered in pdf format. Duplicates and translations will be marked accordingly on the cover sheet.

Quality management, Accreditation and Notification

All tests and services are performed under a quality management system according to EN ISO/IEC 17025 respectively EN ISO/IEC 17065.

The ÖTI is accredited as Testing Laboratory and Certification Body for products. It also is a Notified Body for several directives with the registration number 0534 (see <http://ec.europa.eu/enterprise/newapproach/nando/>). Accreditation as Testing Laboratory was provided by Akkreditierung Austria (bmwfw). The scope of accreditation is listed on www.bmwfw.gv.at/akkreditierung.

According to the decree on the use of the accreditation mark ("AkkZV") the accreditation mark is only to be used by the accredited Conformity Assessment Body.

Application of the registration number of the Notified Body: As to personal protective equipment (PPE) the requirements of PSA-SV § 10, BGBl. Nr. 596/1994 as amended and article 13 of the Directive 89/686/EEC have to be kept. With construction products the application is only permitted within the declaration of performance for CE-marking.

Copyright and Usage Notes

It is pointed out, that any alterations, amendments or falsifications of reports not authorized by the issuer of the report will be prosecuted as civil and criminal offences; this especially to the appropriate requirements of ABGB, UrhG, UWG and criminal law and their respective international equivalents.

Reports are protected under international copyright laws. Written consent of the ÖTI is required for publications (also in excerpt) and reference to tests for public relation purposes. Reports may only be reproduced in full length.

End of report