



Report VNNF 080908.2
Test Report



Applicant

ENGLISCH DEKOR HandelsGmbH & CoKG
Scheydgasse 29
1210-Wien
Austria

Reference

Mrs. Manuela Schopper

Application

Determination of the burning behaviour according to ÖNORM B 3825, smoke emission according to ÖNORM A 3800-1 as well as abrasion resistance according to EN ISO 12947-2.

Test material

"textura FR"

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: 5

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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	3
2.2	Determination of burning behaviour of upholstery fabrics.....	3
2.3	Determination of smoke emission	4
2.4	Abrasion Test by the Martindale Method - Determination of specimen breakdown	4
3	Remarks	5

1 Order

1.1 Chronology

Date	Received	Order
25.06.2015	25.06.2015	Determination of the burning behaviour according to ÖNORM B 3825, smoke emission according to ÖNORM A 3800-1 as well as abrasion resistance according to EN ISO 12947-2.

1.2 Samples

Nr.	Received	Sample Identification
1	26.06.2015	"textura FR"

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

2 Findings / Tests performed

2.1 Description of the specimen

Description of the specimen according to DIN 60 000

Test results

Tested sample: 1

Type of fibre according to DIN ISO 2076	100% Polypropylene (declaration by the applicant)
Technological description	Woven fabric

2.2 Determination of burning behaviour of upholstery fabrics

Test conditions

According to ÖNORM B 3825 (a)

Arrangement of upholstery: Arrangement A: free chosen upholstery

Kind of upholstery: foam: polyurethan foam, properties: Burning behaviour: "schwerbrennbar" according to ÖNORM A 3800-1, Designation: RF 5560, Producer: Eurofoam

Number of test specimens: Longitudinal direction 3 / Cross direction 3

Test results

Tested sample: 1

Specimen	Burning-time [s]	After-flame-time [s]	After-glow-time [s]	Flame spread rate [mm/s]	self-extinguishing before reaching the mark
Longitudinal direction					
1	none	0	0	--	yes
2	none	0	0	--	yes
3	none	0	0	--	yes
Cross direction					
1	none	0	0	--	yes
2	none	0	0	--	yes
3	none	0	0	--	yes

Secondary effects of burning:

Melting of the specimen within the inflammation area

Behaviour of the upholstery fabric: Self-extinguishing

Behaviour of the covering fabric: Self-extinguishing

Opinion

According to ÖNORM B 3825 the tested specimen can be classified as
"schwerbrennbar gemäß ÖNORM B 3825"

Comments:

This test is a compound test at which the furniture fabric will always be tested combined with upholstery. Classification, therefore, relates only to the described arrangement of specimens and foam used.

2.3 Determination of smoke emission

Test conditions

Standard: ÖNORM A 3800 (a) part 1/4.2

Arrangement of the specimen: loose

Test results

Tested sample: 1

smoke emission [%]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean Value
1	2	1	1	1	1

Classification

The tested specimen can be classified according to ÖNORM A 3800-1, item 4.2.1 as:

Qualmbildungsklasse Q1 - schwachqualmend

2.4 Abrasion Test by the Martindale Method - Determination of specimen breakdown

Test conditions

According to: EN ISO 12947 part 2

Used abrasion material: Abrasion fabric according to EN ISO 12 947 part 1

Description of the specimen: woven fabric

Underlay: PU-foam

Abrasion load: 795g (corresponds 12 kPa)

Preparation of the specimen: none

Test results

Tested sample: 1

	Number of abrasion-turns	
	when breakdown of the specimen is occurred	up to breakdown of the specimen is not occurred
Sample 1	70.000	60.000
Sample 2	70.000	60.000
Sample 3	70.000	60.000
Sample 4	70.000	60.000
Mean value	70.000	60.000

Explanation: The breakdown of a woven fabric is occurred if three individual threads are destroyed.

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

This issue is a rewriting of report VNNF 080908.1, dated 27.07.2015.

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 (bmwf). The scope of accreditation is listed on www.bmwf.gv.at/akkreditierung.

In this report test conditions of individual accredited test procedures are marked with (a).

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.

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End of report