



Report VNNF 081430.1 Test Report



Applicant

Supplied by
Vyva Fabrics
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The Netherlands

Application

Determination of the burning behaviour according to ÖNORM B 3825 and the smoke emission according to ÖNORM A 3800-1.

Test material

"Harlow"

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

Issuing and Signatures

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Translation

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1 Order

1.1 Chronology

Date	Received	Order
10.09.2015	10.09.2015	Determination of the burning behaviour according to ÖNORM B 3825 and the smoke emission according to ÖNORM A 3800-1.

1.2 Samples

Nr.	Received	Sample Identification
1	14.07.2015	"Harlow"
2	10.08.2015	"Harlow" (subsequent delivery)

(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	knitted fabric: Polyester coating: PVC (declaration by the applicant)
Technological description	knitted fabric, coated

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: high resilient 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	9	0	--	yes
2	none	4	0	--	yes
3	none	6	0	--	yes
Cross direction					
1	none	4	0	--	yes
2	none	2	0	--	yes
3	none	1	0	--	yes

Secondary effects of burning: Melting within the inflammation area

Behaviour of the covering fabric: self-extinguished of the covering fabric

Behaviour of the upholstery: self-extinguished of the upholstery

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

Specimen: see 2.1

Arrangement of the specimen: loose

Test results

Tested sample: 1

smoke emission [%]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean Value
20	24	24	24	17	22

Classification

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

Qualmbildungsklasse Q1 - schwachqualmend

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

The results are from report 081087.1, dated 29.07.2015, and 081212.1, dated 20.08.2015.

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 (bmfwf). The scope of accreditation is listed on www.bmfwf.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.

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.

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End of report