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Test Report VN736 230097.1

Application

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

Test Material

Penta + FR Treatment (Z)

The test material used for testing was made anonymous for laboratory purposes.
A detailed sample list is included in the document.

Issuing

Original Issuing, 09.11.2023

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OETI - Institut fuer Oekologie, Technik und Innovation GmbH

A handwritten signature in blue ink, appearing to read "Günther Sereinig".

Günther Sereinig

Customer Service Officer



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1 Application

Date of Order	Scope of Order
04.10.2023	Description Of Specimen - Textile Fabrics - DIN 60000 Burning Behaviour Of Upholstery Fabrics - ÖNORM B 3825 (2009-07) Smoke Emission - ÖNORM A 3800-1 (2005-11)

2 Samples

No.	Receipt	Sample Identification
1	13.10.2023	Penta + FR Treatment (Z)

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

3 Tests Performed / Results

*Description Of Specimen - Textile Fabrics DIN 60000

Tested sample: **#1 Penta + FR Treatment (Z)**

Type of fibre:	90% Wool, 10% Nylon (declaration by the applicant)
Technological description:	woven fabric

According to the current version of the relevant European Directives, fibre materials with a mass percentage of < 2 % are not specified.

Burning Behaviour Of Upholstery Fabrics ÖNORM B 3825 (2009-07)

Tested sample **#1 Penta + FR Treatment (Z)**
 Arrangement of upholstery: arrangement A freely chosen upholstery
 Kind of upholstery: high resilient foam
 - Properties: Burning behavior: "schwerbrennbar" according to ÖNORM B 3800-1
 Designation: RF 5560 Producer: NEVEON
 Number of test specimens: longitudinal direction 3 / cross direction 3
 Deviation from standard: None

Direction	Specimen	Burning-time [sec]	Afterflame-time [sec]	Afterglow-time [sec]	Flame- spread rate [mm/sec]	Self-extinguishing before reaching measuring mark
Length	1	No	0	0	-	Yes
	2	No	0	0	-	Yes
	3	No	0	0	-	Yes
Cross	1	No	0	0	-	Yes
	2	No	0	0	-	Yes
	3	No	0	0	-	Yes

Secondary effects of burning:

Self-extinguishing of the upholstery and the cover material

Classification

According to the classification criteria the tested sample can be classified as

schwerbrennbar according to ÖNORM B 3825

Measurement uncertainty [%]: 17.70

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.

Smoke Emission ÖNORM A 3800-1 (2005-11)Tested sample: **#1 Penta + FR Treatment (Z)**

Arrangement of the specimen: loose

Deviation from standard: No

Maximum smoke emission [%]					
Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	Mean value
12	16	16	20	14	16

Measurement uncertainty [%]: 9.19

Classification

According to the classification criteria the tested sample can be classified as:

Q1: schwachqualmend according to ÖNORM A 3800-1

4 Remarks

Period of 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 OETI. 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 is 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. The testing period is defined as timeframe between receipt of samples and issue date of test report. Without explicit written other agreement testing is destructive and the sample material is transferred to the property of OETI, which is entitled to freely decide on storage and disposal.

Issuing

This test report is only issued as a PDF. Translations will be marked accordingly on the cover sheet.

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All tests and services are performed under a quality management system according to EN ISO/IEC 17025. OETI is accredited as Testing Laboratory and Certification Body for products. It also is a Notified Body (NB0534). (see <http://ec.europa.eu/enterprise/newapproach/nando/>). Accreditation was provided by Akkreditierung Austria. The scope of accreditation is listed on www.oeti.biz. Due to the system for the mutual recognition of national accreditations (ILAC/IAF), this accreditation is valid worldwide.

Statements of conformity are based on the specifications of the specified standard. The "simple acceptance rule" applies, that means the measurement uncertainty is stated for the statement of conformity, but not taken into account.

In this report individual non-accredited test procedures are marked with *. Nevertheless, the analysis was also carried out for these parameters at the same level of quality as for the accredited parameters. The accreditation marking refers to the time of the first issuance of the report.

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End of Report