



Report 69099

Test Report

Applicant

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Reference

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Application

Determination of burning behaviour, smoke emission and dropping behaviour according to ÖNORM A 3800-1.

Test Material

"Tonus"

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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Authorised for Institute
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1 Order

1.1 Chronology

<i>Date</i>	<i>Received</i>	<i>Order</i>
2012-06-26	2012-06-28	Determination of burning behaviour, smoke emission and dropping behaviour according to ÖNORM A 3800-1.

1.2 Samples

<i>No.</i>	<i>Received</i>	<i>Sample Identification</i>
1	2012-06-27 (1)	"Tonus"

(1) Samples provided by the customer. (2) Sample drawn by ÖTI.

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 60 001 part 1 and DIN ISO 2076	90% wool 10% polyamide (declaration by the applicant)
Technological description	woven fabric

2.2 Test and evaluation of burning behaviour excluding building products

Test conditions

Standard: ÖNORM A 3800-1 point 4.1

Arrangement of the sample: loose

Test results

Tested sample: 1

Evaluation criteria		Test		
		1	2	3
Ignition of the not flamed specimen	[yes/no]	no	no	no
Afterflame time	[min:sec]	--	--	--
Afterglow time	[min:sec]	--	--	--
Undestroyed length of flamed specimen	[cm]	46	53	52

Classification

According to the classification criteria of ÖNORM A 3800-1, point 4.1, the tested sample

can be classified as "Brennbarkeitsklasse - schwerbrennbar" ¹⁾

¹⁾ In the withdrawn standard ÖNORM B 3800-1:1988 classified as "Brennbarkeitsklasse B1-schwerbrennbar"



2.3 Determination and Classification of dropping behaviour

Test Conditions

Standard: ÖNORM A 3800 part 1 item 4.3

Type of specimen: woven fabric

Kind of flaming: Schlyterbrenner

Test Results

Tested sample: 1

	dropping	number of drops falling down	kindling
Test 1	no	0	--
Test 2	no	0	--
Test 2	no	0	--

Classification

The tested specimen can be classified according to ÖNORM A 3800-1, item 4.3.1 as:

Tropfenbildungsklasse Tr 1 - nicht tropfend

2.4 Determination of smoke emission

Test Conditions

Standard: ÖNORM A 3800 part 1/4.2

Specimen: woven fabric

Arrangement of the specimen: loose

Test results

Tested sample: 1

smoke emission [%]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean Value
4	16	6	5	5	7

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.

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The accreditation by the Federal Ministry of Economy, Family and Youth as testing laboratory was repeated under reference BMWFJ-97.714/0198-I/12/2012 (Individual accredited test procedures are marked with the federal laboratory logo): The accreditation for testing and inspection of construction products was given by the OIB (Austrian Institute of Construction Engineering). Details and other accreditations are given on request and can be found on www.oeti.biz.

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