



Report 74913 Test Report



Applicant

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Reference

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Application

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

Test Material

"RAMI", "RAMI PLUS"

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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1 Order

1.1 Chronology

<i>Date</i>	<i>Received</i>	<i>Order</i>
2014-09-29	2014-10-06	Determination of burning behaviour according to ÖNORM B 3825 and smoke emission according to ÖNORM A 3800-1.

1.2 Samples

<i>No.</i>	<i>Received</i>	<i>Sample Identification</i>
1	2014-10-02 (1)	"RAMI"
2	2014-10-02 (1)	"RAMI PLUS"

(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, 2

Type of fibre according to DIN 60 001 part 1	80% Wool 20% Ramie (declaration by the applicant)
Technological description	woven fabric



2.2 Determination of burning behaviour of upholstery fabrics

Test conditions

According to ÖNORM B 3825 accr.)

Arrangement of upholstery: Arrangement A: free chosen upholstery

Kind of upholstery: foam: high resilient foam, properties: Burning behaviour:
"nicht 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, 2

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	1	0	--	yes
2	none	0	0	--	yes
3	none	1	0	--	yes
Cross direction					
1	none	0	0	--	yes
2	none	1	0	--	yes
3	none	1	0	--	yes

Secondary effects of burning:

Behaviour of the covering fabric: self-extinguished

Behaviour of the upholstery: self-extinguished

Opinion

According to ÖNORM B 3825 the tested samples "RAMI" and "RAMI PLUS" 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 ^{accr.)} part 1/4.2

Specimen: woven fabric (see 2.1)

Arrangement of the specimen: loose

Test results

Tested sample: 1,2

smoke emission [%]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean Value
15	50	5	32	39	28

Classification

The tested samples "RAMI" and "RAMI PLUS" 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.

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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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In this report test conditions of individual accredited test procedures are marked with *accr.*)

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