



Report VNNF 082325.5 Test Report



Applicant

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Reference

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Application

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

Test material

"KING FLEX"

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: 4

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Authorised for Institute
Ing. Hannes Vittek

Contents

1	Order	2
1.1	Chronology	2
1.2	Samples	2
2	Findings / Tests performed	2
2.1	Description of the specimen	2
2.2	Determination of burning behaviour of upholstery fabrics	3
2.3	Determination of smoke emission	3
3	Remarks	4

1 Order

1.1 Chronology

Date	Received	Order
21.01.2016	21.01.2016	Determination of the burning behaviour according to ÖNORM B 3825 as well as the smoke emission according to ÖNORM A 3800-1.

1.2 Samples

Nr.	Received	Sample Identification
1	21.01.2016	"KING FLEX"

(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% Polyester (Trevira® CS) (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: 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	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 test specimen in the flame 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

Arrangement of the specimen: loose

Test results

Tested sample: 1

smoke emission [%]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean Value
32	30	22	30	23	22

Classification

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

Qualmbildungsklasse Q1 - schwachqualmend

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3 Remarks

Validity

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Results of performed tests only refer to the sample material provided.

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

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End of report