



## Report VNNF 082325.3 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 L ELAST"

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

A handwritten signature in black ink, appearing to read "Vitteh", positioned above a horizontal dotted line.

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**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 L ELAST"

(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
26	21	27	31	27	26

### 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

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