



Report 70162 Test Report

Applicant

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Reference

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Application

Determination of burning behaviour and smoke emission.

Test Material

"Dragon"

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>
2012-12-10	2012-12-11	Determination of burning behaviour and smoke emission.

1.2 Samples

<i>No.</i>	<i>Received</i>	<i>Sample Identification</i>
1	2012-12-10 ⁽¹⁾	"Dragon / 60123 / L..Grey"

(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 ISO 2076	100% Polyester (declaration by the applicant)
Technological description	knitted fabric

2.2 Determination of burning behaviour of upholstery fabrics

Test conditions

According to ÖNORM B 3825

Arrangement of upholstery: Arrangement A: fixed upholstery

Kind of upholstery: foam: polyurethan foam, properties: Burning behaviour: "schwerbrennbar" according to ÖNORM A 3800-1, Designation: KF 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	keine	0	0	--	yes
2	keine	0	0	--	yes
3	keine	0	0	--	yes
Cross direction					
1	keine	0	0	--	yes
2	keine	0	0	--	yes
3	keine	0	0	--	yes

Secondary effects of burning:

Melting of the specimen within the inflammation-area

Behaviour of the upholstery: self-extinguished

Behaviour of the covering fabric: self-extinguished

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 part 1/4.2

Specimen: textile 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
24	20	10	8	22	17

Classification

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

Qualmbildungsklasse Q1 - schwachqualmend