Report 71432
Test Report

Applicant

Kvadrat Holding
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DÄNEMARK

Reference

Application

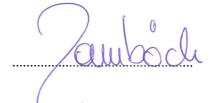Determination of burning behaviour and smoke emission.

Test Material

"Memory"

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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Authorised for Institute
Astrid Damböck

Contents

1   Order

1.1   Chronology

Date	Received	Order
2013-06-05	2013-06-12	Determination of burning behaviour and smoke emission.

1.2   Samples

No.	Received	Sample Identification
1	2013-06-11 [1]	"Memory"

(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 (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 accr.)
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	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 specimen within the inflammation area
Behaviour of upholstery and 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 accr.) 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**
15	32	17	42	48	**31**

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.

Issuance

The valid first issue is done in paper and has single-handed signatures. For reference purposes and filing an unsigned electronic duplicate can be delivered in pdf format. Duplicates and translations will be marked accordingly on the cover sheet.

Quality management and accreditations

All tests and services are performed under a quality management system according to EN ISO/IEC 17025 respectively EN ISO/IEC 17065.

The ÖTI is accredited as Test Laboratory and as Certification Body for products. It also is a Notified Body for several directives with the registration number 0534 (see http://ec.europa.eu/enterprise/newapproach/nando/).

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. Test conditions of individual accredited test procedures are marked with *accr.*). Details and other accreditations are given on request and can be found on www.oeti.biz.

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End of Report