



Report VN736 131049.2

Test Report

Applicant

ENGLISCH DEKOR
HandelsGmbH & CoKG
Scheydgasse 29
1210 Wien
ÖSTERREICH

Reference

Manuela Schopper

Application

Testing and classification of burning behaviour according to OENORM B 3825 and smoke emission according OENORM A 3800 part 1 as well as EN 1021 part 1 and part 2.

Test material

„rhino + rhino II + rhino III“

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
Ing. Hannes Vittek

Contents

1	Order	2
1.1	Chronology	2
1.2	Samples	2
1.3	Information given by the applicant	2
2	Findings / Tests performed	3
2.1	Description of the specimen	3
2.2	Determination of smoke emission	3
2.3	Assessment of the ignitability of upholstered furniture-Part 1: Ignition source: smouldering cigarette	4
2.4	Assessment of the ignitability of upholstered furniture-Part 2: Ignition source: Match flame equivalent	5
3	Remarks	6

1 Order

1.1 Chronology

Date	Received	Order
02.08.2012	03.08.2012	Testing and classification of burning behaviour according to ÖNORM B 3825 and smoke emission according ÖNORM A 3800 part 1 as well as EN 1021 part 1 and part 2.

1.2 Samples

Nr.	Received	Sample Identification
1	03.08.2012	"Rhino II M1164-M1181 + M1632-M1653"

(Unless otherwise stated samples are provided by the customer.)

1.3 Information given by the applicant

According to the applicant, the articles "rhino", "rhino II" and "rhino III" are articles with the same construction and structure only in different colors.

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 60 001 part 1 and DIN ISO 2076	88% Polyvinyl chloride 8% Polyester 4% Cotton (declaration by the applicant)
Technological description	coated textile

2.2 Determination of smoke emission

Test conditions

Standard: ÖNORM A 3800 part 1/4.2

Specimen: coated textile

Arrangement of the specimen: loose

Test results

Tested sample: 1

smoke emission [%]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean Value
13	20	32	18	18	20

Classification

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

Qualmbildungsklasse Q1 - schwachqualmend

2.3 Assessment of the ignitability of upholstered furniture-Part 1: Ignition source: smouldering cigarette

Test conditions

According to: EN 1021 Part 1

Kind of upholstery: man made upholstery with "nicht schwerbrennbar" foam

Test results

Tested Sample: 1

	Cigarette 1	Cigarette 2
Ignition:	none	none
Smouldering criteria		
Dangerous, escalating combustion:	no	no
Test unit completely consumed:	no	no
Smouldering till the edges:	no	no
Smouldering through the whole thickness:	no	no
Smouldering for more than 1 hour:	no	no
More than 100 mm distance from the ignition source:	no	no
Burning criteria:		
Dangerous, escalating combustion:	no	no
Test unit completely consumed:	no	no
Burning till the edges:	no	no
Burning through the whole thickness:	no	no

Note: The above test results relate only on the ignitability of the combination of materials in the specific test conditions, it is not intended to apply them as a tool of assessment of the complete fire hazard of the materials used.

2.4 Assessment of the ignitability of upholstered furniture-Part 2: Ignition source: Match flame equivalent

Test conditions

According to: EN 1021 Part 2

Kind of upholstery: man made upholstery with "nicht schwerbrennbar" foam

Test results

Tested Sample: 1

	Flame 1	Flame 2
Ignition:	none	none
Smouldering criteria		
Dangerous, escalating combustion:	no	no
Test unit completely consumed:	no	no
Smouldering till the edges	no	no
Smouldering through the whole thickness:	no	no
Smouldering for more than 1 hour:	no	no
More than 100 mm distance from the ignition source:	no	no
Burning criteria:		
Dangerous, escalating combustion:	no	no
Test unit completely consumed:	no	no
Burning till the edges:	no	no
Burning through the whole thickness:	no	no
Burning for more than 120 s:	no	no

Note: The above test results relate only on the ignitability of the combination of materials in the specific test conditions, it is not intended to apply them as a tool of assessment of the complete fire hazard of the materials used.

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.

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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.

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, Accreditation and Notification

This issue is a rewriting of report 69356, dated 03.10.2012.

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End of report