



Report VN736 142697.2

Test Report

Applicant

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Reference

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Application

Determination of ignitability according to EN 1021 part 1 and part 2.

Test material

„cottage“

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
Ing. Hannes Vittek

A handwritten signature in blue ink, appearing to read "Vitte", written over a horizontal dotted line.

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1 Order

1.1 Chronology

Date	Received	Order
19.06.2018	20.06.2018	Determination of ignitability according to EN 1021 part 1 and part 2.

1.2 Samples

Nr.	Received	Sample Identification
1	03.07.2018	„cottage“

(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

Material composition (declaration by the applicant)	100% Polyester FR
Technological description	Woven fabric

2.2 Assessment of the ignitability of upholstered furniture, Part 1: Ignition source: smouldering cigarette

Test conditions

According to: EN 1021-1

Kind of upholstery: manufactured upholstery

Sample composition

- Outer layer (upholstery fabric): Sample 1 (see 2.1)

- Filling (stuffing): Polyurethane foam „RF5560“, Producer: Eurofoam,
Burning behaviour: "schwerbrennbar" according to ÖNORM A 3800-1

Pretreatment: According to the applicant, the test sample was not chemically treated to improve the ignitability; the test was therefore carried out in supplied condition, without pretreatment (water soaking procedure) according EN 1021-1, Annex D.

Test results

Tested sample: 1

Inflammation through progressing smouldering	test	
	1	2
specimen displays escalating smouldering combustion behaviour so that it is unsafe to continue the test and forcible extinction is required	no	no
specimen smoulders until it is essentially consumed within the duration of the test	no	no
specimen smoulders to the extremities of the specimen, i.e. to either side or to/through the full thickness of the specimen	no	no
specimen smoulders longer than 60 min after ignition of the cigarette	no	no
Specimen shows evidence of active smouldering on final examination	no	no

Inflammation through burning	test	
	1	2
appearance of flames	no	no

Overall result: No ignition

Note

The test results mentioned above relate only to the ignitability of the combination of upholstery composites under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

2.3 Assessment of the ignitability of upholstered furniture, Part 2: Ignition source: Gasflame comparable to a matchstick

Test conditions

According to: EN 1021-2

Kind of upholstery: manufactured upholstery

Sample composition

- Outer layer (upholstery fabric): Sample 1

- Filling (stuffing): Polyurethane foam „RF5560“, Producer: Eurofoam,

Burning behaviour: "schwerbrennbar" according to ÖNORM A 3800-1

Pretreatment: According to the applicant, the test sample was not chemically treated to improve the ignitability; the test was therefore carried out in supplied condition, without pretreatment (water soaking procedure) according EN 1021-1, Annex D.

Test results

Tested sample: 1

Inflammation through progressing smouldering	test		
	1	2	3
specimen displays escalating smouldering combustion behaviour so that it is unsafe to continue the test and forcible extinction is required	no	no	no
specimen smoulders until it is essentially consumed within the duration of the test	no	no	no
specimen smoulders to the extremities of the specimen, i.e. to either side or to/through the full thickness of the specimen	no	no	no
specimen smoulders longer than 60 min after ignition of the cigarette	no	no	no
Specimen shows evidence of active smouldering on final examination	no	no	no

Inflammation through burning	test		
	1	2	3
specimen displays escalating combustion behaviour so that it is unsafe to continue the test and forcible extinction is required	no	no	no
specimen burns until it is essentially consumed within the duration of the test	no	no	no
specimen on which any flame front reaches the extremities of the specimen other than the top of the vertical part of the test specimen, or passes through the full thickness of the specimen within the duration of the test	no	no	no
specimen that continues to flame for more than 120 s after removal of the burner tube	no	no	no

Overall result: No ignition

Note

The test results mentioned above relate only to the ignitability of the combination of upholstery composites under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

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 OETI.

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End of report