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Test Report VN736 161866.2

Application

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

Test Material

"natura II"

The test material used for testing was made anonymous for laboratory purposes.
A detailed sample list is included in the document.

Issuing

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Translation

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1 Application

Date of Order	Scope of Order
04.11.2019	Description of Specimen – Textile Fabrics – DIN 60000 Ignitability of Upholstered Furniture - EN 1021-1 Ignitability of Upholstered Furniture - EN 1021-2

2 Samples

No.	Receipt	Sample Identification
1	07.11.2019	"naturo II"

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

3 Tests Performed / Results

*Description of Specimen – Textile Farbics DIN 60000

Tested sample: #1 "naturo II"

Type of fibre	100% Polyester (declaration by the applicant)
Technological description	woven fabric, coated on back side

According to the current version of the relevant European Directives, fiber materials with a mass percentage of < 2 % are not specified.

Ignitability of Upholstered Furniture EN 1021-1

Tested sample: #1 "naturo II" 100% PES

Ignition source: smouldering cigarette

Kind of upholstery: prepared upholstery

Pretreatment: none

Sample composition	
Outer layer (upholstery material):	161866.2.1 (woven fabric, coated on back side)
Filling (stuffing):	Foam: high resilient foam Burning behaviour: "schwerbrennbar" according to ÖNORM A 3800-1 Designation: RF 5560, Producer: Eurofoam

Inflammation through progressing smouldering	Test 1	Test 2
Specimen shows escalating combustion behaviour therefore continuing of testing is unsafe and specimen has to be extinguished	no	no
Specimen smoulders until it is essentially consumed within the duration of the test	no	no
Specimen smoulders to a border 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	Test 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 specific conditions of test stated; these are not be considered as a criterion for assessing the overall potential risk of fire when using the materials in practice.

Ignitability of Upholstered Furniture EN 1021-2

Tested sample: **#1 "natura II" 100% PES**

Ignition source: gasflame equivalent to a match (point 6.4)

Kind of upholstery: prepared upholstery

Pretreatment: none

Sample composition	
Outer layer (upholstery material):	161866.2.1 (woven fabric, coated on back side)
Filling (stuffing):	Foam: high resilient foam Burning behaviour: "schwerbrennbar" according to ÖNORM A 3800-1 Designation: RF 5560, Producer: Eurofoam

Inflammation through progressing smouldering	Test 1	Test 2	Test 3
Specimen shows escalating combustion behaviour therefore continuing of testing is unsafe and specimen has to be extinguished	no	no	no
Specimen smoulders until it is essentially consumed within the duration of the test	no	no	no
Specimen smoulders to a border 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	Test 2	Test 3
Specimen shows escalating combustion behaviour therefore continuing of testing is unsafe and specimen has to be extinguished	no	no	no
Specimen burns until it is essentially consumed within the duration of the test	no	no	no
Any flame front reaches a border of the specimen	no	no	no
Specimen 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 specific conditions of test stated; these are not to be considered as a criterion for assessing the overall potential risk of fire when using the materials in practice.

4 Remarks

Period of 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 OETI. 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 is 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 OETI, which is entitled to freely decide on storage and disposal.

Issuing

The valid first issue is done in paper and has single-handed signatures. Translations will be marked accordingly on the cover sheet.

Quality Management, Accreditation And Notification

All tests and services are performed under a quality management system according to EN ISO/IEC 17025 respectively EN ISO/IEC 17065. OETI is accredited as Testing Laboratory and Certification Body for products. It also is a Notified Body (NB0534). (see <http://ec.europa.eu/enterprise/newapproach/nando/>). Accreditation was provided by Akkreditierung Austria. The scope of accreditation is listed on www.oeti.biz. Due to the system for the mutual recognition of national accreditations (ILAC/IAF), this accreditation is valid worldwide.

In this report individual non-accredited test procedures are marked with *. Nevertheless, the analysis was also carried out for these parameters at the same level of quality as for the accredited parameters.

According to the decree on the use of the accreditation mark ("AkkZV") the accredited Conformity Assessment Body is the only one to use the accreditation mark. Application of the registration number of the Notified Body: As to personal protective equipment (PPE) the requirements of Regulation (EU) 2016/425 have to be kept. With construction products the application is only permitted within the declaration of performance for CE-marking.

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End of Report