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Test Report VN736 232083.1

Application

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

Test Material

„melange“

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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OETI - Institut fuer Oekologie, Technik und Innovation GmbH

Günther Sereinig

Customer Service Officer



1 Application

Date of Order	Scope of Order
21.11.2023	Description Of Specimen - Textile Fabrics - DIN 60000 Ignitability of Upholstered Furniture - EN 1021-2 (2014-08) Ignitability of Upholstered Furniture - EN 1021-1 (2014-08)

2 Samples

No.	Receipt	Sample Identification
1	22.11.2023	„melange“, 100% PES FR

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

3 Tests Performed / Results

*Description Of Specimen - Textile Fabrics DIN 60000

Tested sample: **#1 „melange“**

Type of fibre:	100% PES FR (declaration by the applicant)
Technological description:	Fabric coated on the back

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

Ignitability of Upholstered Furniture EN 1021-1 (2014-08)

Tested sample: **#1 „melange“**
 Ignition source: smouldering cigarette
 Kind of upholstery: manufactured upholstery
 Pretreatment: None
 Deviation from standard: None

Sample composition	
Outer layer (upholstery material):	#1
Inner layer (intermediate layer):	-
Filling (stuffing):	Foam: "schwerbrennbar" according to ÖNORM A 3800-1

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 (2014-08)

Tested sample: **#1 „melange“**

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

Kind of upholstery: manufactured upholstery

Pretreatment: None

Deviation from standard: None

Sample composition	
Outer layer (upholstery material):	#1
Inner layer (intermediate layer):	-
Filling (stuffing):	Foam: "schwerbrennbar" according to ÖNORM A 3800-1

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 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. The testing period is defined as timeframe between receipt of samples and issue date of test report. 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

This test report is only issued as a PDF. 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. 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.

Statements of conformity are based on the specifications of the specified standard. The “simple acceptance rule” applies, that means the measurement uncertainty is stated for the statement of conformity, but not taken into account.

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. The accreditation marking refers to the time of the first issuance of the report.

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