



ENGLISCH DEKOR HandelsGmbH & CoKG  
Scheydgasse 29  
1210 Wien  
Austria

**Your Reference**

**Customer Number** 40188

**Contact Person** Fleischmann Erich

**E-Mail** erich.fleischmann@englisch.at

Vienna / 28.10.2021 / atad

## Test Report VN736 186242.2

### Application

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

### Test Material

"buffalo"

The test material used for testing was made anonymous for laboratory purposes.

A detailed sample list is included in the document.

### Issuing

Original Issuing, 12.07.2021

Translation, 28.10.2021

Number Of Included Pages: 5

**OETI - Institute for Ecology, Technology and Innovation GmbH**

**Atena Adineh**

Customer Service Officer



OETI - Institut fuer Oekologie, Technik und Innovation GmbH | Siebenhirtenstrasse 12A, Objekt 8, 1230 Vienna, Austria  
tel +43 1 5442543-0 | e-mail office@oeti.biz | www.oeti.biz | FN 326826 b | VAT No. ATU65149029 | EORI ATEOS1000015903  
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## 1 Application

| Date of Order | Scope of Order                                                                                                                                                  |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.05.2021    | Description Of Specimen - Textile Fabrics - DIN 60000<br>Ignitability of Upholstered Furniture - EN 1021-1<br>Ignitability of Upholstered Furniture - EN 1021-2 |

## 2 Samples

| No. | Receipt    | Sample Identification |
|-----|------------|-----------------------|
| 1   | 27.05.2021 | "buffalo"             |

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

## 3 Tests Performed / Results

### \*Description Of Specimen - Textile Fabrics DIN 60000

Tested sample: #1 "buffalo"

|                            |                                                     |
|----------------------------|-----------------------------------------------------|
| Type of fibre:             | 100% Polyurethane<br>(declaration by the applicant) |
| Technological description: | Knitted coated fabric                               |

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

Tested sample: **#1 "buffalo"**

Kind of upholstery: manufactured upholstery

Pretreatment: none

| Sample composition                 |                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Outer layer (upholstery material): | Sample 1                                                                                                         |
| Filling (stuffing):                | Polyurethanfoam „RF5560“, Producer: Eurofoam,<br>Burning behaviour: "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

Tested sample: **#1 "buffalo"**

Kind of upholstery: manufactured upholstery

Pretreatment: none

| Sample composition                 |                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Outer layer (upholstery material): | Sample 1                                                                                                         |
| Filling (stuffing):                | Polyurethanfoam „RF5560“, Producer: Eurofoam,<br>Burning behaviour: "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. 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](http://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.

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