
Tekstilije - Gorljivost - Zavesa in zastori - Podroben opis postopka za ugotavljanje vnetljivosti navpično nameščenih preskušancev (majhen plamen)

Textiles and textile products - Burning behaviour - Curtains and drapes - Detailed procedure to determine the ignitability of vertically oriented specimens (small flame)

Textilien - Brennverhalten von Vorhängen und Gardinen - Detailliertes Verfahren zur Bestimmung der Entzündbarkeit von vertikal angeordneten Proben (kleine Flamme)

Textiles et produits textiles - Comportement au feu - Rideaux et tentures - Procédure détaillée pour déterminer l'allumabilité d'éprouvettes disposées verticalement (petite flamme)

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Ta slovenski standard je istoveten z: EN 1101:1995

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
97.160	Tekstilije za dom. Perilo	Home textiles. Linen

SIST EN 1101:1999**en**

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EUROPEAN STANDARD

EN 1101

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1995

ICS 59.080.30

Descriptors: textiles, woven fabrics, upholstery, curtains, fire tests, flammability, test specimens

English version

**Textiles and textile products - Burning behaviour -
Curtains and drapes - Detailed procedure to
determine the ignitability of vertically oriented
specimens (small flame)**

Textiles et produits textiles - Comportement au
feu - Rideaux et tentures - Procédure détaillée
pour déterminer l'allumabilité d'éprouvettes
disposées verticalement (petite flamme)

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Bestimmung der Entzündbarkeit von vertikal
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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Ref. No. EN 1101:1995 E

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Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 248 "Textiles and textile products", of which the secretariat is held by BSI.

This European Standard shall be given the status of a National Standard, either by publication of an identical text or by endorsement, at the latest by May 1996, and conflicting national standards shall be withdrawn at the latest by May 1996.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

The ignitability is determined using a modified EN ISO 6940. These modifications are listed in this document.

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1 Scope

This European Standard specifies a procedure to determine the ignitability of textiles for curtains and drapes by testing in accordance with EN ISO 6940.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 26330 Textiles - Domestic washing and drying procedures for textile testing (ISO 6330 : 1984)

EN ISO 6940 : 1995 Textile fabrics - Burning behaviour - Determination of ease of ignition of vertically oriented specimens (ISO 6940 : 1984)

ISO 3175 Textiles - Determination of dimensional change on dry cleaning in perchlorethylene-Machine method

3 Sampling

Test samples shall be representative of the materials and drapes in accordance with the number and size of the test specimen in EN ISO 6940.

4 Cleansing

The sample shall be submitted to the cleansing procedure given on the care label. If no cleansing procedure is prescribed, the material shall be submitted to one cycle of one of the following standard cleansing procedures as appropriate to the fabric:

- wash procedure in accordance with method 6A (40 ± 3)°C of EN 26630 and dried in accordance with method C of EN 26330;

- dry cleaning procedure in accordance with ISO 3175;

If the fabric is not intended to be cleansed, the test method shall be carried out on sample and specimens as received.

NOTE: This cleansing is not intended as a durability test for flame retardant treatment but only to remove non durable finishes or contamination and to obtain fabric surfaces and structure characteristics which are representative of those typically obtained in fabrics during actual use.

5 Test specimens

The test specimens shall be cut from the sample as described in clause 3.

The specimens shall consist of one or more layers of materials, according to the construction of the curtain.

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Unless otherwise specified, the specimen shall not contain features of construction such as seams, pleats, etc. Nevertheless the test specimens shall contain pattern or design features when they are a specific part of the fabric such as Jacquard construction.

6 Conditioning

Condition the test specimen for at least 24 h in the standard atmosphere of $(20 \pm 2)^{\circ}\text{C}$ and $(65 \pm 5) \%$ relative humidity.

7 Test procedure

Ignitability shall be tested according to EN ISO 6940 using commercial propane gas.

8 Test report

The test report shall include the following information:

- a) reference to this European standard;
- b) identification of the fabrics tested;
- c) the cleansing procedure if used or a statement that the material is not intended to be cleansed;
- d) date of test;
- e) ambient conditions of temperature and relative humidity in the area in which the test is carried out;
- f) size of specimen used;
- g) whether or not the fabrics ignite in 20 s;
- h) a tabulation, for each direction in the case of edge ignition or each surface and direction in case of surface ignition, of the number of cases of ignition and non-ignition observed at each timer setting used during the test;
- i) mean ignition time for each direction or, in the case of surface ignition, for each direction and surface of the fabric tested;
- j) minimum ignition time of the textile material which is the lowest of mean ignition time reported in paragraph above;
- k) any deviation from this procedure.