

SLOVENSKI STANDARD

SIST EN 1625:1999

01-november-1999

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Textiles and textile products - Burning behaviour of industrial and technical textiles -
Procedure to determine the ignitability of vertically oriented specimens

Textilien und textile Erzeugnisse - Brennverhalten industrieller und technischer Textilien -
Verfahren zur Bestimmung der Entzündbarkeit vertikal angeordneter Meßproben

Textiles et produits textiles - Comportement au feu des textiles industriels et techniques -
Méthode de détermination de la facilité d'allumage d'éprouvettes orientées verticalement

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Ta slovenski standard je istoveten z: EN 1625:1999

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
59.080.30	Tkanine	Textile fabrics

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1625

August 1999

ICS 13.220.40; 59.080.30

English version

Textiles and textile products - Burning behaviour of industrial
and technical textiles - Procedure to determine the ignitability of
vertically oriented specimens

Textiles et produits textiles - Comportement au feu des
textiles industriels et techniques - Méthode de
détermination de la facilité d'allumage d'éprouvettes
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Textilien und textile Erzeugnisse - Brennverhalten
industrieller und technischer Textilien - Verfahren zur
Bestimmung der Entzündbarkeit vertikal angeordneter
Meßproben

This European Standard was approved by CEN on 16 January 1998.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. 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.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

Foreword

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

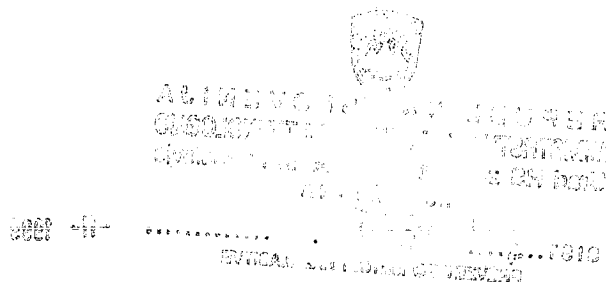
This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2000, and conflicting national standards shall be withdrawn at the latest by February 2000.

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

It is a **STANDARD PREVIEW**
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1 Scope

This European Standard specifies a procedure to determine the ignitability of vertically oriented specimens for industrial and technical textiles when tested according to 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 or revisions of any of these publications apply to this British Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN ISO 6940: 1995 Textile fabrics - Burning behaviour - Determination of ease of ignition of vertically oriented specimens (ISO 6940:1984, including Amendment 1:1993)

3 Definition

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For the purposes of this European Standard the following definition applies.

3.1 industrial and technical textiles: any textile which can be used for industrial or technical purposes.

NOTE. The definition does not include textiles for general purposes such as curtains, drapes, protective clothing, upholstery or bedding.

4 Pretreatment

Cleansing may influence the burning behaviour of industrial and technical textiles by removing non durable finishes or by changing the structure of the material. For the relevant pretreatment procedure, reference should be made to:

- a) the product performance standard;
 - b) the manufacturer's recommended procedure;
- or
- c) a procedure agreed between the involved parties.

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5 Test specimens

Test specimens shall be taken so as to be representative of the submitted material, the number and size of the test specimens required shall be in accordance with EN ISO 6940.

Unless otherwise specified, the test specimens shall not contain any features of construction such as seams, pleats etc.

6 Conditioning

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

7 Procedure

Determine ignitability according to EN ISO 6940 using commercial grade propane gas.

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8 Test report

The test report shall include the following information :

- a) reference to this detailed procedure, i.e. EN 1625:1999;
- b) identification of the textile;
- c) the cleansing procedure if used or a statement that the material is not intended to be cleansed;
- d) date of test;
- e) techniques used to attach textiles which cannot be supported on the pins;
- f) size of specimen used;
- g) if the material did not 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;

NOTE: See 8.6 of EN ISO 6940:1995.

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- i) mean ignition time for each direction or, in case of surface ignition, for each direction and surface of the fabric tested;
- j) minimum ignition time of the material which is the lowest time reported above.