



**SLOVENSKI STANDARD**  
**SIST EN 14533:2003**  
**01-december-2003**

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**Tekstilije in tekstilni izdelki – Gorljivost upogljivih delov – Klasifikacijska shema**

Textiles and textile products - Burning behaviour of bedding items - Classification scheme

Textilien und textile Erzeugnisse - Brennverhalten von Bettzeug - Klassifikationsschema

Textiles et produits textiles - Comportement au feu des articles de literie - Systeme de classification

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**ICS:**

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
59.080.01	Tekstilije na splošno	Textiles in general

**SIST EN 14533:2003**

**en**

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EUROPEAN STANDARD

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## Textiles and textile products - Burning behaviour of bedding items - Classification scheme

Textiles et produits textiles - Comportement au feu des articles de literie - Système de classification

Textilien und textile Erzeugnisse - Brennverhalten von Bettzeug - Klassifikationsschema

This European Standard was approved by CEN on 16 May 2003.

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 Management Centre 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 Management Centre 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

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## Foreword

This document (EN 14533:2003) 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 January 2004, and conflicting national standards shall be withdrawn at the latest by January 2004.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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**EN 14533:2003 (E)****Introduction**

This European standard is one of five closely related standards for testing and classifying bedding items with regard to their burning behaviour.

**1 Scope**

This European standard specifies a classification scheme for the burning behaviour of bedding items based on two ignition sources (smouldering cigarette and small open flame).

The classification is applied to single bedding items only and not to complete bed assemblies.

**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 (including amendments).

EN ISO 12952-1, *Textiles – Burning behaviour of bedding items – Part 1: General test methods for the ignitability by a smouldering cigarette (ISO 12952-1:1998)*

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EN ISO 12952-2, *Textiles – Burning behaviour of bedding items – Part 2: Specific test methods for the ignitability by a smouldering cigarette (ISO 12952-2:1998)*

[SIST EN 14533:2003](#)  
[EN ISO 12952-2:1998](#)

EN ISO 12952-3, *Textiles – Burning behaviour of bedding items – Part 3: General test methods for the ignitability by a small open flame (ISO 12952-3:1998)*

EN ISO 12952-4, *Textiles – Burning behaviour of bedding items – Part 4: Specific test methods for the ignitability by a small open flame (ISO 12952-4:1998)*

**3 Basis for classification**

The classification scheme is based on the criteria of ignition as listed in EN ISO 12952-1 and EN ISO 12952-3.

**4 Test methods and acceptance criteria****4.1 Test methods**

The classification scheme refers to all the EN ISO 12952 test methods for the ignitability by a smouldering cigarette and by a small open flame.

Materials shall be cleaned before testing as mentioned in EN ISO 12952-2 and EN ISO 12952-4 and the adopted procedure shall be mentioned in the test report.

**4.2 Acceptance criteria**

A material passes the ignitability test by a smouldering cigarette in accordance with EN ISO 12952-1 and EN ISO 12952-2 if "non-ignition" is recorded.

A material passes the ignitability test by a small open flame in accordance with EN ISO 12952-3 and EN ISO 12952- 4 if "non-ignition" is recorded.

## 5 Classification

This standard has the following class definitions as given in Table 1.

**Table 1 — Class definitions**

Class	Class definition
A	PASSES the ignitability test by a smouldering cigarette PASSES the ignitability test by a small open flame
B	PASSES the ignitability test by a smouldering cigarette
C	FAILS the ignitability test by a smouldering cigarette FAILS the ignitability test by a small open flame

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