

BS EN 14533:2015



BSI Standards Publication

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

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National foreword

This British Standard is the UK implementation of EN 14533:2015. It supersedes BS EN 14533:2003 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee TCI/66/-/8, Burning behaviour.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

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

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Foreword

This document (EN 14533:2015) 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of an identical text or by endorsement, at the latest by August 2015 and conflicting national standards shall be withdrawn at the latest by August 2015.

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This document supersedes EN 14533:2003.

This is an editorial revision updating the normative references.

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Introduction

This European Standard is one of three 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

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 12952-1, *Textiles - Assessment of the ignitability of bedding items - Part 1: Ignition source: smouldering cigarette (ISO 12952-1)*

EN ISO 12952-2, *Textiles - Assessment of the ignitability of bedding items - Part 2: Ignition source: match-flame equivalent (ISO 12952-2)*

3 Basis for classification

The classification scheme is based on the criteria of ignition as listed in EN ISO 12952-1 and EN ISO 12952-2.

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 12952-1 and EN ISO 12952-2 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 if "non-ignition" is recorded.

A material passes the ignitability test by a small open flame in accordance with EN ISO 12952-2 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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