



# SLOVENSKI STANDARD SIST EN ISO 12863:2022

01-junij-2022

Nadomešča:

SIST EN ISO 12863:2010

SIST EN ISO 12863:2010/A1:2016

SIST EN ISO 12863:2010/AC:2014

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**Standardna preskusna metoda za ocenjevanje nagnjenosti k vžigu cigaret (ISO 12863:2022)**

Standard test method for assessing the ignition propensity of cigarettes (ISO 12863:2022)

Normprüfverfahren zur Beurteilung der Zündneigung von Zigaretten (ISO 12863:2022)

Méthode d'essai normalisée pour évaluer le potentiel incendiaire des cigarettes (ISO 12863:2022)

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**Ta slovenski standard je istoveten z: EN ISO 12863:2022**

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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
65.160	Tobak, tobačni izdelki in oprema	Tobacco, tobacco products and related equipment

**SIST EN ISO 12863:2022**

**en,fr,de**

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EUROPEAN STANDARD

EN ISO 12863

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2022

ICS 13.220.40; 65.160

Supersedes EN ISO 12863:2010, EN ISO  
12863:2010/AC:2011, EN ISO 12863:2010/A1:2016

English Version

## Standard test method for assessing the ignition propensity of cigarettes (ISO 12863:2022)

Méthode d'essai normalisée pour évaluer le potentiel  
incendiaire des cigarettes (ISO 12863:2022)

Normprüfverfahren zur Beurteilung der Zündneigung  
von Zigaretten (ISO 12863:2022)

This European Standard was approved by CEN on 28 March 2022.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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## European foreword

This document (EN ISO 12863:2022) has been prepared by Technical Committee ISO/TC 92 "Fire safety" in collaboration with Technical Committee CEN/TC 401 "Reduced Ignition Propensity Cigarettes" the secretariat of which is held by DIN.

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 October 2022, and conflicting national standards shall be withdrawn at the latest by October 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 12863:2010.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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**Endorsement notice**

The text of ISO 12863:2022 has been approved by CEN as EN ISO 12863:2022 without any modification.

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INTERNATIONAL  
STANDARD

ISO  
12863

Second edition  
2022-04

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**Standard test method for assessing  
the ignition propensity of cigarettes**

*Méthode d'essai normalisée pour évaluer le potentiel incendiaire des  
cigarettes*

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Reference number  
ISO 12863:2022(E)

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Published in Switzerland



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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This document was prepared by Technical Committee ISO/TC 92, *Fire safety*, Subcommittee SC 1, *Fire initiation and growth*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 401, *Reduced Ignition Propensity Cigarettes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 12863:2010), which has been technically revised. It also incorporates the Amendment ISO 12863:2010/Amd 1:2016 and the Technical Corrigendum ISO 12863:2010/Cor 1:2011.

The main changes are as follows:

- a new [Annex G](#) “Physical parameters of filter paper substrates for the determination of ignition propensity of cigarettes” has been added;
- the Bibliography has been updated.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

**ISO 12863:2022(E)****Introduction**

A very common initiating event in a fatal fire is the dropping of a cigarette onto a bed or piece of upholstered furniture. The burning cigarette heats the furnishing materials to the point where smouldering combustion begins, perhaps followed by a transition to flaming combustion. Since limiting the frequency of ignitions is a principal approach to reducing fire loss, it is desirable to establish a test method for the propensity of a cigarette to ignite soft furnishings.

This document is based, with permission from ASTM International, on ASTM International E2187, *Standard Test Method for Measuring the Ignition Strength of Cigarettes*, copyright ASTM International.

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