



SLOVENSKI STANDARD SIST EN 60695-2-12:2002

01-maj-2002

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SIST EN 60695-2-1/2:1999

**Preskušanje požarne ogroženosti - 2-12. del: Preskusne metode z žarilno žico -
Preskušanje vnetljivosti materialov z žarilno žico (IEC 60695-2-12:2000)**

Fire hazard testing -- Part 2-12: Glowing/hot-wire based test methods - Glow-wire
flammability test method for materials

Prüfungen zur Beurteilung der Brandgefahr -- Teil 2-12: Prüfungen mit dem Glühdraht -
Prüfung mit dem Glühdraht zur Entflammbarkeit von Werkstoffen

Essais relatifs aux risques du feu -- Partie 2-12: Essais au fil incandescent/chauffant -
Méthode d'essai d'inflammabilité sur matériaux

Ta slovenski standard je istoveten z: EN 60695-2-12:2001

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
29.020	Elektrotehnika na splošno	Electrical engineering in general

SIST EN 60695-2-12:2002

en

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EUROPEAN STANDARD

EN 60695-2-12

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2001

ICS 13.220.40;29.020

Supersedes EN 60695-2-1/2:1996

English version

Fire hazard testing
Part 2-12: Glowing/hot-wire based tests methods -
Glow-wire flammability test method for materials
(IEC 60695-2-12:2000)

Essais relatifs aux risques du feu
Partie 2-12: Essais au fil
incandescent/chauffant -
Méthode d'essai d'inflammabilité
sur matériaux
(CEI 60695-2-12:2000)

Prüfungen zur Beurteilung der
Brandgefahr
Teil 2-12: Prüfungen mit dem Glühdraht -
Prüfung mit dem Glühdraht zur
Entflammbarkeit von Werkstoffen
(IEC 60695-2-12:2000)

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This European Standard was approved by CENELEC on 2000-11-01. CENELEC 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 CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 89/414/FDIS, future edition 1 of IEC 60695-2-12, prepared by IEC TC 89, Fire hazard testing, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60695-2-12 on 2000-11-01.

This European Standard supersedes EN 60695-2-1/2:1996.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2001-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2003-11-01

This standard is to be used in conjunction with EN 60695-2-10 and EN 60695-2-13.

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

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The text of the International Standard IEC 60695-2-12:2000 was approved by CENELEC as a European Standard without any modification.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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).

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60695-2-10	2000	Fire hazard testing Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure	EN 60695-2-10	2001
IEC 60695-2-13	2000	Part 2-13: Glowing/hot-wire based tests methods - Glow-wire ignitability test method for materials	EN 60695-2-13	2001
ISO/IEC 13943	2000	Fire safety - Vocabulary	EN ISO 13943	2000

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60695-2-12

Première édition
First edition
2000-10

PUBLICATION FONDAMENTALE DE SÉCURITÉ
BASIC SAFETY PUBLICATION

Essais relatifs aux risques du feu –

Partie 2-12:

Essais au fil incandescent/chauffant –

Méthode d'essai d'inflammabilité sur matériaux

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Fire hazard testing –

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Part 2-12:

Glowing/hot-wire based test methods –

Glow-wire flammability test method for materials

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International Electrotechnical Commission
Telefax: +41 22 919 0300

3, rue de Varembe Geneva, Switzerland
e-mail: inmail@iec.ch IEC web site <http://www.iec.ch>



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIRE HAZARD TESTING –

Part 2-12: Glowing/hot-wire based test methods –
Glow-wire flammability test method for materials

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical specifications, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this technical report may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60695-2-12 has been prepared by technical committee 89: Fire hazard testing.

The first edition of IEC 60695-2-12 cancels and replaces the first edition of IEC 60695-2-1/2 published in 1994. It also constitutes a technical revision.

This standard has the status of a basic safety standard in accordance with IEC Guide 104.

The text of this standard is based on the following documents:

FDIS	Report on voting
89/414/FDIS	89/434/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

This standard is to be used in conjunction with IEC 60695-2-10 and IEC 60695-2-13.

IEC 60695-2, under the general heading *Fire hazard testing – Part 2: Glowing/hot-wire based test methods*, consists of the following parts:

Part 2-10: Glowing/hot-wire based test methods – Glow-wire apparatus and common test procedure

Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products

Part 2-12: Glowing/hot-wire based test methods – Glow-wire flammability test method for materials

Part 2-13: Glowing/hot-wire based test methods – Glow-wire ignitability test method for materials

The committee has decided that the contents of this publication will remain unchanged until 2006. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition; or
- amended.

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