

SLOVENSKI STANDARD

SIST EN 60811-3-1:1999/A1:1998

01-februar-1998

Materiali za izoliranje in oplaščenje električnih in optičnih kablov - Splošne preskusne metode - 3-1. del: Posebne metode za polivinilkloridne mase - Tlačni preskus pri visoki temperaturi - Preskus odpornosti proti razpokanju - Dopolnilo A1 (IEC 60811-3-1:1985/A1:1994)

Insulating and sheathing materials of electric and optical cables - Common test methods - Part 3-1: Methods specific to PVC compounds - Pressure test at high temperature - Tests for resistance to cracking (IEC 60811-3-1:1985/A1:1994)

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Isolier- und Mantelwerkstoffe für Kabel und isolierte Leitungen - Allgemeine Prüfverfahren - Teil 3-1: Verfahren für PVC-Mischungen - Wärmedruckprüfung -m Prüfung der Reißbeständigkeit (IEC 60811-3-1:1985/A1:1994)

<https://standards.iteh.ai/catalog/standards/sist/92d6cb3f-209f-486a-a8f2-ebc8ca12c9ea/sist-en-60811-3-1-1999-a1-1998>

Matériaux d'isolation et de gainage des câbles électriques et des câbles optiques - Méthodes d'essais communes - Partie 3-1: Méthodes spécifiques pour les mélanges PVC - Essai de pression à température élevée - Essais de résistance à la fissuration (CEI 60811-3-1:1985/A1:1994)

Ta slovenski standard je istoveten z: EN 60811-3-1:1995/A1:1996

ICS:

29.035.20	Plastični in gumeni izolacijski materiali	Plastics and rubber insulating materials
29.060.20	Kabli	Cables

SIST EN 60811-3-1:1999/A1:1998 **en**

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ICS 29.060.20

Descriptors: Electric cable, insulated cable, electrical insulation, sheath, pressure test, high-temperature test, resistance to cracking

English version

Insulating and sheathing materials of electric cables
Common test methods
Part 3: Methods specific to PVC compounds
Section 1: Pressure test at high temperature
Tests for resistance to cracking
(IEC 811-3-1:1985/A1:1994)

Matériaux d'isolation et de gainage
des câbles électriques - Méthodes
d'essais communes
Partie 3: Méthodes spécifiques
pour les mélanges PVC
Section 1: Essai de pression à
température élevée - Essais de
résistance à la fissuration
(CEI 811-3-1:1985/A1:1994)

Isolier- und Mantelwerkstoffe für
Kabel und isolierte Leitungen
Allgemeine Prüfverfahren
Teil 3: Methoden für PVC-Compounds
Hauptabschnitt 1: Wärme-Druckprüfung
Prüfung der Rißbeständigkeit
(IEC 811-3-1:1985/A1:1994)

This amendment A1 modifies the European Standard EN 60811-3-1:1995; it was approved by CENELEC on 1996-07-02. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, 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 amendment 1:1994 to the International Standard IEC 811-3-1:1985, prepared by IEC TC 20, Electric cables, was submitted to the formal vote and was approved by CENELEC as amendment A1 to EN 60811-3-1:1995 on 1996-07-02 without any modification.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1997-06-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1997-06-01

Endorsement notice

The text of amendment 1:1994 to the International Standard IEC 811-3-1:1985 was approved by CENELEC as an amendment to the European Standard without any modification.

https://standards.iteh.ai/catalog/standards/sist/60811-3-1-1995/a1-1996
ebc8ca12c9ca/sist-en-60811-3-1-1995-a1-1996
SIST EN 60811-3-1:1999/A1:1998
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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC
811-3-1**

1985

AMENDEMENT 1
AMENDMENT 1

1994-10

Amendement 1

**Méthodes d'essais communes pour les matériaux
d'isolation et de gainage des câbles électriques**

Troisième partie:

**Méthodes spécifiques pour les mélanges PVC
Section un – Essai de pression à température élevée –
Essai de résistance à la fissuration**

[https://standards.iteh.ai/catalog/standards/sist/92d6cb3f-209f-486a-a8f2-
ebc8ca12c9ea/sist-en-60811-3-1-1999-a1-1998](https://standards.iteh.ai/catalog/standards/sist/92d6cb3f-209f-486a-a8f2-ebc8ca12c9ea/sist-en-60811-3-1-1999-a1-1998)

Amendment 1

**Common test methods for insulating and sheathing
materials of electric cables**

Part 3:

**Methods specific to PVC compounds
Section One – Pressure test at high temperature –
Tests for resistance to cracking**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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FOREWORD

This amendment has been prepared by IEC technical committee 20: Electric cables.

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

DIS	Report on voting
20(CO)209	20(CO)210

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

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8.1.5 Heating of the loaded test pieces

Replace this subclause by the following subclause:

The test shall be carried out in an air oven in which the apparatus and test pieces are placed in a position free from vibration or in an air oven which is mounted on an anti-vibration support. No apparatus likely to cause vibration, such as an air stirring mechanism, should be directly attached to the oven.

The temperature of the air shall be maintained continuously at the value specified in the relevant cable standard.

The loaded, but not pre-heated, test piece shall be kept in the test position for the time specified in the relevant cable standard, or, if the time is not specified in the cable standard, for the following times:

4 h for test pieces having a value of $D \leq 15$ mm;

6 h for test pieces having a value of $D > 15$ mm.
