

SLOVENSKI
STANDARD

**SIST EN 60811-3-
2:1999/A2:2004**

december 2004

Materiali za izoliranje in oplaščenje električnih in optičnih kablov - Splošne preskusne metode – 3-2. del: Posebne metode za mase iz PVC – Preskus izgubljanja mase - Preskus toplotne stabilnosti

Insulating and sheathing materials of electric and optical cables – Common test methods – Part 3-2: Methods specific to PVC compounds – Loss of mass test – Thermal stability test

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ICS 29.035.20; 29.060.20

Referenčna številka
SIST EN 60811-3-2:1999/A2:2004(en)

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**Insulating and sheathing materials of electric and optical cables -
Common test methods
Part 3-2: Methods specific to PVC compounds -
Loss of mass test - Thermal stability test
(IEC 60811-3-2:1985/A2:2003)**

Matériaux d'isolation et de gainage
des câbles électriques
et des câbles optiques -
Méthodes d'essais communes
Partie 3-2: Méthodes spécifiques
pour les mélanges PVC -
Essai de perte de masse -
Essai de stabilité thermique
(CEI 60811-3-2:1985/A2:2003)

Isolier- und Mantelwerkstoffe für Kabel
und isolierte Leitungen -
Allgemeine Prüfverfahren
Teil 3-2: Verfahren für PVC-Mischungen -
Prüfung des Masseverlustes -
Prüfung der thermischen Stabilität
(IEC 60811-3-2:1985/A2:2003)

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This amendment A2 modifies the European Standard EN 60811-3-2:1995; it was approved by CENELEC on 2004-03-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 20/649/FDIS, future amendment 2 to IEC 60811-3-2:1985, prepared by IEC TC 20, Electric cables, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60811-3-2:1995 on 2004-03-01.

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) 2004-12-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2007-03-01

Endorsement notice

The text of amendment 2:2003 to the International Standard IEC 60811-3-2:1985 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

60811-3-2

1985

AMENDEMENT 2
AMENDMENT 2
2003-12

Amendement 2

**Matériaux d'isolation et de gainage des câbles
électriques et des câbles optiques –
Méthodes d'essais communes –**

**Partie 3-2:
Méthodes spécifiques pour les mélanges PVC –
Essai de perte de masse –
Essai de stabilité thermique**

[SIST EN 60811-3-2:1999/A2:2004](https://standards.iteh.ai/catalog/standards/sist/61f0852e-623d-4300-b1ea-f70c268c9ecd/sist-en-60811-3-2-1999-a2-2004)

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Amendment 2

**Insulating and sheathing materials of electric
and optical cables – Common test methods –**

**Part 3-2:
Methods specific to PVC compounds –
Loss of mass test – Thermal stability test**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

C

*Pour prix, voir catalogue en vigueur
For price, see current catalogue*

FOREWORD

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

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

FDIS	Report on voting
20/649/FDIS	20/675/RVD

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

The committee has decided that the contents of the base publication and its amendments will remain unchanged until 2008. At this date, the publication will be

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

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Amend the main title of this standard on the cover page, the title page and pages 5 and 7 as follows:

[https://standards.iteh.ai/catalog/standards/sist/61f0852e-623d-4300-b1ea-](https://standards.iteh.ai/catalog/standards/sist/61f0852e-623d-4300-b1ea-f70c268c9ecd/sist-en-60811-3-2-1999-a2-2004)

INSULATING AND SHEATHING MATERIALS OF ELECTRIC AND OPTICAL CABLES – COMMON TEST METHODS

Page 7

1 Scope

Replace the first paragraph of this clause by the following:

This standard specifies the test methods to be used for testing polymeric insulating and sheathing materials of electric and optical cables for power distribution and telecommunications, including cables used in ships and in offshore applications.

Page 15 and page 3 of amendment 1

9 Thermal stability test for insulation and sheaths

9.1 Test equipment

9.1 a)

Delete the three dashes of this subclause and replace them by the following:

The glass tubes used shall comply with the following specifications *:

- ISO 695-1991; Alkali resistance, Class A2
- ISO 719-1985; Hydrolytic resistance, Class HGB3
- ISO 1776-1985; Acid resistance, max. weight loss 150 µg Na₂O/100 cm²

9.2 d)

Replace, in lines 2 and 5, 'pH value of 3' by 'pH value between 2 and 3'.

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