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**Električni in optični kabli - Preskuševalne metode za nekovinske materiale - 410. del: Drugi preskusi - Preskusna metoda za z bakrom katalizirano oksidativno poslabšanje poliolefinsko izoliranih vodnikov**

Electric and optical fibre cables - Test methods for non-metallic materials - Part 410: Miscellaneous tests - Test method for copper-catalysed oxidative degradation of polyolefin insulated conductors

Kabel, isolierte Leitungen und Glasfaserkabel - Prüfverfahren für nichtmetallene Werkstoffe - Teil 410: Sonstige Prüfungen - Prüfverfahren für die Sauerstoffalterung unter Kupfereinfluss für polyolefinisolierte Leiter

[SIST EN 60811-410:2012](https://standards.iteh.ai/catalog/standards/sist/dbd2522c-02cd-4471-8fde-10122a20100c/en-60811-410:2012)

Câbles électriques et câbles à fibres optiques - Méthodes d'essai pour les matériaux non-métalliques - Partie 410: Essais divers - Méthode d'essai pour la mesure de la dégradation par oxydation catalytique par le cuivre des conducteurs isolés aux polyoléfines

**Ta slovenski standard je istoveten z: EN 60811-410:2012**

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**ICS:**

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

**SIST EN 60811-410:2012** en,fr,de

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60811-410**

June 2012

ICS 29.035.01; 29.060.20

Supersedes EN 60811-4-2:2004 (partially)

English version

**Electric and optical fibre cables -  
Test methods for non-metallic materials -  
Part 410: Miscellaneous tests -  
Test method for copper-catalyzed oxidative degradation of polyolefin  
insulated conductors  
(IEC 60811-410:2012)**

Câbles électriques et à fibres optiques -  
Méthodes d'essai pour les matériaux non-  
métalliques -  
Partie 410: Essais divers -  
Méthode d'essai pour la mesure de la  
dégradation par oxydation catalytique par  
le cuivre des conducteurs isolés aux  
polyoléfines  
(CEI 60811-410:2012)

Kabel, isolierte Leitungen und  
Glasfaserkabel -  
Prüfverfahren für nichtmetallene  
Werkstoffe -  
Teil 410: Sonstige Prüfungen -  
Prüfverfahren für die Sauerstoffalterung  
unter Kupfereinfluss für polyolefinisolierte  
Leiter  
(IEC 60811-410:2012)

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**CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 20/1294/FDIS, future edition 1 of IEC 60811-410, prepared by IEC/TC 20 "Electric cables" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60811-410:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-01-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-04-16

This document supersedes Annex B of EN 60811-4-2:2004 (partially). Full details of the replacements are shown in Annex A of EN 60811-100:2012.

There are no technical changes with respect to EN 60811-4-2:2004, but see the Foreword to EN 60811-100:2012.

This standard is to be read in conjunction with EN 60811-100.

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This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

## Endorsement notice

The text of the International Standard IEC 60811-410:2012 was approved by CENELEC as a European Standard without any modification.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

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 60811-100	2012	Electric and optical fibre cables - Test methods for non-metallic materials - Part 100: General	EN 60811-100	2012

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IEC 60811-410

Edition 1.0 2012-03

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Electric and optical fibre cables – Test methods for non-metallic materials –  
Part 410: Miscellaneous tests – Test method for copper-catalyzed oxidative  
degradation of polyolefin insulated conductors**

**Câbles électriques et à fibres optiques – Méthodes d'essai pour les matériaux  
non-métalliques –  
Partie 410: Essais divers – Méthode d'essai pour la mesure de la dégradation  
par oxydation catalytique par le cuivre des conducteurs isolés aux polyoléfines**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

PRICE CODE  
CODE PRIX



ICS 29.035.01; 29.060.20

ISBN 978-2-88912-972-0

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRIC AND OPTICAL FIBRE CABLES –  
TEST METHODS FOR NON-METALLIC MATERIALS –****Part 410: Miscellaneous tests –  
Test method for copper-catalyzed oxidative degradation  
of polyolefin insulated conductors**

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International Standard IEC 60811-410 has been prepared by IEC technical committee 20: Electric cables.

This Part 410 of IEC 60811 cancels and replaces Annex B of IEC 60811-4-2:2004, which is withdrawn. Full details of the replacements are shown in Annex A of IEC 60811-100:2012.

There are no specific technical changes with respect to the previous edition, but see the Foreword to IEC 60811-100:2012.