
Električni in optični kabli - Preskuševalne metode za nekovinske materiale - 512. del: Mehanski preskusi - Natezna trdnost in raztezek pri zlomu po kondicioniranju pri povišani temperaturi - Metode, specifične za polietilenske in polipropilenske zmesi

Electric and optical fibre cables - Test methods for non-metallic materials - Part 512: Mechanical tests - Tensile strength and elongation at break after conditioning at elevated temperature - Methods specific to polyethylene and polypropylene compounds

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Kabel, isolierte Leitungen und Glasfaserkabel - Prüfverfahren für nichtmetallene Werkstoffe - Teil 512: Mechanische Prüfungen - Zugfestigkeit und Reißdehnung nach Vorbehandlung bei erhöhter Temperatur - Verfahren speziell für Polyethylen- und Polypropylenmischungen

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Câbles électriques et câbles à fibres optiques - Méthodes d'essai pour les matériaux non-métalliques - Partie 512: Essais mécaniques - Résistance à la traction et allongement à la rupture après conditionnement à température élevée - Méthodes spécifiques aux mélanges de polyéthylène et de polypropylène

Ta slovenski standard je istoveten z: EN 60811-512:2012

ICS:

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

SIST EN 60811-512:2012

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60811-512

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 512: Mechanical tests -
Methods specific to polyethylene and polypropylene compounds -
Tensile strength and elongation at break after conditioning
at elevated temperature
(IEC 60811-512:2012)**

Câbles électriques et à fibres optiques -
Méthodes d'essai pour les matériaux
non-métalliques -
Partie 512: Essais mécaniques -
Méthodes spécifiques pour les mélanges
polyéthylène et polypropylène -
Résistance à la traction et allongement
à la rupture après conditionnement
à température élevée
(CEI 60811-512:2012)

Kabel, isolierte Leitungen
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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 20/1308/FDIS, future edition 1 of IEC 60811-512, prepared by IEC/TC 20 "Electric cables" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60811-512:2012.

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) 2013-01-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-04-17

This document supersedes Clause 8 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 specific 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).

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Endorsement notice

The text of the International Standard IEC 60811-512:2012 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60811-4-2:2004	NOTE	Harmonized as EN 60811-4-2:2004 (not modified).
IEC 60811-601	NOTE	Harmonized as EN 60811-601.

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
IEC 60811-501	-	Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds	EN 60811-501	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Electric and optical fibre cables – Test methods for non-metallic materials –
Part 512: Mechanical tests – Methods specific to polyethylene and
polypropylene compounds – Tensile strength and elongation at break
after conditioning at elevated temperature**

<https://standards.iteh.ai/catalog/standards/sist/ca078630-e50e-4aa3-8f10-4b58734060e-en-iec-60811-512>

**Câbles électriques et à fibres optiques – Méthodes d'essai pour les matériaux
non-métalliques –**

**Partie 512: Essais mécaniques – Méthodes spécifiques pour les mélanges
polyéthylène et polypropylène – Résistance à la traction et allongement à la
rupture après conditionnement à température élevée**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRIC AND OPTICAL FIBRE CABLES –
TEST METHODS FOR NON-METALLIC MATERIALS –****Part 512: Mechanical tests –
Methods specific to polyethylene and polypropylene compounds –
Tensile strength and elongation at break after conditioning
at elevated temperature**

FOREWORD

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International Standard IEC 60811-512 has been prepared by IEC technical committee 20: Electric cables.

This Part 512 of IEC 60811 cancels and replaces Clause 8 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.