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**Reaktivne zmesi na osnovi smole, ki se uporabljajo za električno izolacijo - 3. del:  
Specifikacije za posamezne materiale - 8. list: Smolnate zmesi za kabelski pribor**

Resin based reactive compounds used for electrical insulation - Part 3: Specifications for individual materials - Sheet 8: Resins for cable accessories

Reaktionsharzmassen für die Elektroisolierung – Teil 3: Anforderungen an einzelne Werkstoffe Blatt 8: Reaktionsharzmassen für Kabelgarnituren

Composés réactifs à base de résines utilisés comme isolants électriques - Partie 3: Spécifications pour matériaux particuliers - Feuille 8: Résines pour accessoires de câbl

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**Ta slovenski standard je istoveten z: EN 60455-3-8:2013**

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**ICS:**

29.035.99      Drugi izolacijski materiali      Other insulating materials

**SIST EN 60455-3-8:2013**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60455-3-8**

July 2013

ICS 29.035.01

English version

**Resin based reactive compounds used for electrical insulation -  
Part 3: Specifications for individual materials -  
Sheet 8: Resins for cable accessories  
(IEC 60455-3-8:2013)**

Composés réactifs à base de résines  
utilisés comme isolants électriques -  
Partie 3: Spécifications pour matériaux  
particuliers -  
Feuille 8: Résines pour accessoires de  
câble  
(CEI 60455-3-8:2013)

Reaktionsharzmassen für die  
Elektroisolierung – Teil 3: Anforderungen  
an einzelne Werkstoffe – Blatt 8:  
Reaktionsharzmassen für Kabelgarnituren  
(IEC 60455-3-8:2013)

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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 15/701/FDIS, future edition 1 of IEC 60455-3-8, prepared by IEC/TC 15 "Solid electrical insulating materials", was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60455-3-8:2013.

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) 2014-03-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-06-03

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## Endorsement notice

The text of the International Standard IEC 60455-3-8:2013 was approved by CENELEC as a European Standard without any modification.

### iTeh STANDARD PREVIEW

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

IEC 60455-1	NOTE Harmonized as EN 60455-1.
IEC 60455-3 series	NOTE Harmonized in EN 60455-3 series (not modified).
IEC 61234-2	NOTE Harmonized as EN 61234-2.
ISO 291	NOTE Harmonized as EN ISO 291.
ISO 2592	NOTE Harmonized as EN ISO 2592.
ISO 3521	NOTE Harmonized as EN ISO 3521.

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## 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 60093	-	Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials	HD 429 S1 <sup>1)</sup>	-
IEC 60212	-	Standard conditions for use prior to and during the testing of solid electrical insulating materials	EN 60212	-
IEC 60243-1	-	Electrical strength of insulating materials - Test methods - Part 1: Tests at power frequencies	EN 60243-1	-
IEC 60250	-	Recommended methods for the determination - of the permittivity and dielectric dissipation factor of electrical insulating materials at power, audio and radio frequencies including metre wavelengths		-
IEC 60455-2	-	Resin based reactive compounds used for electrical insulation - Part 2: Methods of test	EN 60455-2	-
ISO 179	Series	Plastics - Determination of Charpy impact properties	EN ISO 179	Series
ISO 527	Series	Plastics - Determination of tensile properties	EN ISO 527	Series
ISO 868	-	Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness)	EN ISO 868	-
ISO 1183-1	-	Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method	EN ISO 1183-1	-
ISO 2555	-	Plastics - Resins in the liquid state or as emulsions or dispersions - Determination of apparent viscosity by the Brookfield test method	EN ISO 2555	-
ISO 4895	-	Plastics - Liquid epoxy resins - Determination of tendency to crystallize	EN ISO 4895	-

<sup>1)</sup> HD 429 S1 is superseded by EN 62631-1:2011, which is based on IEC 62631-1:2011.

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IEC 60455-3-8

Edition 1.0 2013-04

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Resin based reactive compounds used for electrical insulation –  
Part 3: Specifications for individual materials  
Sheet 8: Resins for cable accessories**

**Composés réactifs à base de résines utilisés comme isolants électriques –  
Partie 3: Spécifications pour matériaux particuliers  
Feuille 8: Résines pour accessoires de câble**

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COMMISSION

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ELECTROTECHNIQUE  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**RESIN BASED REACTIVE COMPOUNDS  
USED FOR ELECTRICAL INSULATION –**
**Part 3: Specifications for individual materials  
Sheet 8: Resins for cable accessories**

## FOREWORD

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International Standard IEC 60455-3-8 has been prepared by IEC technical committee 15: Solid electrical insulating materials, in collaboration with working group 11 of Cenelec technical committee 20.

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

FDIS	Report on voting
15/701/FDIS	15/711/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 2.