

Dielectric and resistive properties of solid insulating materials - Part 3-11: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - Method for impregnation and coating materials

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 62631-3-11:2018 sisaldab Euroopa standardi EN IEC 62631-3-11:2018 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 62631-3-11:2018 consists of the English text of the European standard EN IEC 62631-3-11:2018.
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English Version

Dielectric and resistive properties of solid insulating materials -
Part 3-11: Determination of resistive properties (DC methods) -
Volume resistance and volume resistivity - Method for
impregnation and coating materials
(IEC 62631-3-11:2018)

Propriétés diélectriques et résistives des matériaux isolants
solides - Partie 3-11: Détermination des propriétés
résistives (méthodes en courant continu) - Résistance
volumique et résistivité volumique - Méthode pour
matériaux d'impregnation et de revêtement
(IEC 62631-3-11:2018)

Dielektrische und resistive Eigenschaften fester Isolierstoffe
- Teil 3-11: Bestimmung resistiver Eigenschaften
(Gleichspannungsverfahren) - Durchgangswiderstand und
spezifischer Durchgangswiderstand - Verfahren für Tränk-
und Beschichtungsstoffe
(IEC 62631-3-11:2018)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 112/409/FDIS, future edition 1 of IEC 62631-3-11, prepared by IEC/TC 112 "Evaluation and qualification of electrical insulating materials and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62631-3-11:2018.

The following dates are fixed:

- latest date by which the document has to be (dop) 2018-11-14
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2021-02-14
standards conflicting with the
document have to be withdrawn

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

IEC 60455-3-5	NOTE	Harmonized as EN 60455-3-5.
IEC 60464-3-1	NOTE	Harmonized as EN 60464-3-1.
IEC 60464-3-2	NOTE	Harmonized as EN 60464-3-2.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62631-3-1	-	Dielectric and resistive properties of solid insulating materials - Part 3-1 Determination of resistive properties (DC methods) - Volume resistance and volume resistivity, general method	EN 62631-3-1	-
ISO 1514	-		EN ISO 1514	-
ISO 2808	-	Paints and varnishes_ - Determination of film thickness	EN ISO 2808	-

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INTRODUCTION

Many segments of the electrotechnical industry need volume resistance and volume resistivity data of solid insulating materials. This part of IEC 62631 is focused on the method for impregnation and coating materials. Clear guidelines are important to give the user of this document a uniform approach to sample preparation and test procedures.

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