



BSI Standards Publication

Dielectric and resistive properties of solid insulating materials

Part 3-12: Determination of resistive properties (DC methods) — Volume
resistance and volume resistivity — Method for casting resins

National foreword

This British Standard is the UK implementation of EN IEC 62631-3-12:2024. It is identical to IEC 62631-3-12:2024.

The UK participation in its preparation was entrusted to Technical Committee GEL/112, Evaluation and qualification of electrical insulating materials and systems.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Dielectric and resistive properties of solid insulating materials -
Part 3-12: Determination of resistive properties (DC methods) -
Volume resistance and volume resistivity - Method for casting
resins
(IEC 62631-3-12:2024)

Propriétés diélectriques et résistives des matériaux isolant
solides - Partie 3-12: Détermination des propriétés
résistives (méthodes en courant continu) - Résistance
volumique et résistivité volumique - Méthode pour résines
de coulée
(IEC 62631-3-12:2024)

Dielektrische und resistive Eigenschaften fester
Elektroisolierstoffe - Teil 3-12: Bestimmung der resistiven
Eigenschaften (Gleichstromverfahren) - Volumenwiderstand
und Durchgangswiderstand, Verfahren für Gießharze
(IEC 62631-3-12:2024)

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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 112/645/FDIS, future edition 1 of IEC 62631-3-12, 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 62631-3-12:2024.

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) 2025-05-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-08-09

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Endorsement notice

The text of the International Standard IEC 62631-3-12:2024 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 standard indicated:

IEC 60455-3-1 NOTE Approved as EN 60455-3-1

IEC 60455-3-2 NOTE Approved as EN 60455-3-2

IEC 60455-3-3 NOTE Approved as EN 60455-3-3

IEC 60455-3-4 NOTE Approved as EN 60455-3-4

IEC 60455-3-8 NOTE Approved as EN IEC 60455-3-8

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.cencenelec.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 IEC 62631-3-1	-
ISO 2808	-	Paints and varnishes - Determination of film thickness	EN ISO 2808	-

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