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**Električni izolacijski materiali - Lastnosti toplotne vzdržljivosti - 1. del: Postopki staranja in vrednotenje rezultatov preskušanja (IEC 60216-1:2025)**

Electrical insulating materials - Thermal endurance properties - Part 1: Ageing procedures and evaluation of test results (IEC 60216-1:2025)

Elektroisolerstoffe - Eigenschaften hinsichtlich des thermischen Langzeitverhaltens - Teil 1: Warmlagerungsverfahren und Auswertung von Prüfergebnissen (IEC 60216-1:2025)

Matériaux isolants électriques - Propriétés d'endurance thermique - Partie 1: Méthodes de vieillissement et évaluation des résultats d'essai (IEC 60216-1:2025)

**Ta slovenski standard je istoveten z: EN IEC 60216-1:2026**

**ICS:**

17.220.99	Drugi standardi v zvezi z električno in magnetizmom	Other standards related to electricity and magnetism
29.035.01	Izolacijski materiali na splošno	Insulating materials in general

**SIST EN IEC 60216-1:2026****en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
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**EN IEC 60216-1**

January 2026

ICS 17.220.99; 29.035.01

Supersedes EN 60216-1:2013

English Version

**Electrical insulating materials - Thermal endurance properties -  
Part 1: Ageing procedures and evaluation of test results  
(IEC 60216-1:2025)**

Matériaux isolants électriques - Propriétés d'endurance  
thermique - Partie 1: Méthodes de vieillissement et  
évaluation des résultats d'essai  
(IEC 60216-1:2025)

Elektroisolierstoffe - Eigenschaften hinsichtlich des  
thermischen Langzeitverhaltens - Teil 1:  
Warmlagerungsverfahren und Auswertung von  
Prüfergebnissen  
(IEC 60216-1:2025)

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**EN IEC 60216-1:2026 (E)****European foreword**

The text of document 112/698/FDIS, future edition 7 of IEC 60216-1, prepared by 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 60216-1:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-01-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-01-31 document have to be withdrawn

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

IEC 60216 series	NOTE	Approved as EN 60216 series
ISO 2578:1993	NOTE	Approved as EN ISO 2578:1998 (not modified)
IEC 60216-8	NOTE	Approved as EN 60216-8
IEC 60216-2	NOTE	Approved as EN 60216-2
IEC 60216-3	NOTE	Approved as EN IEC 60216-3
IEC 60212	NOTE	Approved as EN 60212
IEC 60216-3:2021	NOTE	Approved as EN IEC 60216-3:2021 (not modified)
IEC 60216-8:2013	NOTE	Approved as EN 60216-8:2013 (not modified)

## 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](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60212	-	Standard conditions for use prior to and during the testing of solid electrical insulating materials	EN 60212	-
IEC 60216-3	2021	Electrical insulating materials - Thermal endurance properties - Part 3: Instructions for calculating thermal endurance characteristics	EN IEC 60216-3	2021
IEC 60216-3	-	Electrical insulating materials - Thermal endurance properties - Part 3: Instructions for calculating thermal endurance characteristics	EN IEC 60216-3	-
IEC 60216-4-1	-	Electrical insulating materials - Thermal endurance properties - Part 4-1: Ageing ovens - Single-chamber ovens	EN 60216-4-1	-
IEC 60493-1	2011	Guide for the statistical analysis of ageing test data - Part 1: Methods based on mean values of normally distributed test results	-	-
IEC 60216-4	series	Guide for the determination of thermal endurance properties of electrical insulating materials. Part 4: Ageing Ovens	EN IEC 60216-4 <sup>1</sup>	series

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<sup>1</sup> Under preparation. Stage at the time of publication: prEN IEC 60216-4.

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IEC 60216-1

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# INTERNATIONAL STANDARD

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**Electrical insulating materials - Thermal endurance properties -  
Part 1: Ageing procedures and evaluation of test results**

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