SLOVENSKI STANDARD
SIST EN IEC 60667-2:2020

01-september-2020

Nadomešča:
SIST HD 416.2 S1:1998

Vulkanizirana vlakna za električne namene - 2. del: Preskusne metode (IEC 60667-2:2020)

Vulcanized fibre for electrical purposes - Part 2: Methods of test (IEC 60667-2:2020)

Vulkanfiber für elektrotechnische Zwecke - Teil 2: Prüfverfahren (IEC 60667-2:2020)

Les fibres vulcanisées à usages électriques. Deuxième partie: Méthodes d'essai (IEC 60667-2:2020)

Ta slovenski standard je istoveten z: EN IEC 60667-2:2020

ICS:

29.035.10	Papirni in kartonski izolacijski materiali	Paper and board insulating materials

SIST EN IEC 60667-2:2020 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60667-2

July 2020

ICS 29.035.10

Supersedes HD 416.2 S1:1987 and all of its amendments and corrigenda (if any)

English Version

Vulcanized fibre for electrical purposes - Part 2: Methods of test (IEC 60667-2:2020)

Fibres vulcanisées à usages électriques - Partie 2: Méthodes d'essai (IEC 60667-2:2020)

Vulkanfiber für elektrotechnische Zwecke - Teil 2: Prüfverfahren (IEC 60667-2:2020)

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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 15/911/FDIS, future edition 2 of IEC 60667-2, prepared by IEC/TC 15 "Solid electrical insulating materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60667-2:2020.

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)	2021-03-17
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2023-06-17

This document supersedes HD 416.2 S1:1987 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 60667-2:2020 was approved by CENELEC as a European Standard without any modification.

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.

Publication	Year	Title	EN/HD	Year
IEC 60641-2	2004	Pressboard and presspaper for electrical purposes - Part 2: Methods of tests	EN 60641-2	2004
IEC 60667-3	series	Vulcanized fibre for electrical purposes - Part 3: Specifications for individual materials	EN IEC 60667-3	series
IEC 61621	1997	Dry, solid insulating materials - Resistance test to high-voltage, low-current arc discharges	EN 61621	1997
ISO 178	2019	Plastics - Determination of flexural properties	EN ISO 178	2019
ISO 287	2017	Paper and board - Determination of moisture content of a lot - Oven-drying method	EN ISO 287	2017

IEC 60667-2

Edition 2.0 2020-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour inside

Vulcanized fibre for electrical purposes – Part 2: Methods of test

Fibres vulcanisées à usages électriques – Partie 2: Méthodes d'essai

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

ICS 29.035.10

ISBN 978-2-8322-8294-6

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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VULCANIZED FIBRE FOR ELECTRICAL PURPOSES –

Part 2: Methods of test

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60667-2 has been prepared by IEC Technical Committee 15: Solid electrical insulating materials.

This second edition cancels and replaces the first edition published in 1982. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) added Terms and definitions
b) added General notes on tests
c) added Thickness instead of dimension
d) changed Apparent density from Density
e) added Arc resistance
f) deleted Sulphate content
g) added method (Bending) for flexibility

h) changed test method for internal ply adhesion

i) added Shrinkage

The text of this International Standard is based on the following documents:

FDIS	Report on voting
15/911/FDIS	15/919/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 60667 series, published under the general title *Vulcanized fibre for electrical purposes*, can be found on the IEC website.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

The committee has decided that the contents of this document will remain unchanged until the stability indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

INTRODUCTION

This International Standard is one of a series which deals with vulcanized fibre sheets for electrical purposes.

The series consists of three parts:

Part 1: Definitions and general requirements (IEC 60667-1),

Part 2: Methods of test (IEC 60667-2),

Part 3: Specifications for individual materials (IEC 60667-3).