SLOVENSKI STANDARD
SIST EN IEC 60674-3-1:2021

01-december-2021

Nadomešča:
SIST EN 60674-3-1:2001
SIST EN 60674-3-1:2001/A1:2012

Plastične folije za električne namene - 3. del: Specifikacije za posamezne materiale - 1. list: Dvoosno orientirana polipropilenska folija za kondenzatorje (IEC 60674-3-1:2021)

Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 1: Biaxially oriented polypropylene (PP) film for capacitors (IEC 60674-3-1:2021)

Isolierfolien für elektrotechnische Zwecke - Teil 3: Anforderungen für einzelne Werkstoffe - Blatt 1: Biaxial orientierte Polypropylen-(PP)-Folien für Kondensatoren (IEC 60674-3-1:2021)

Films plastiques à usages électriques - Partie 3: Spécifications pour matériaux particuliers - Feuille 1: Films de polypropylène biorientés (PP) pour condensateurs (IEC 60674-3-1:2021)

Ta slovenski standard je istoveten z: **EN IEC 60674-3-1:2021**

ICS:

29.035.20	Plastični in gumeni izolacijski materiali	Plastics and rubber insulating materials
83.140.10	Filmi in folije	Films and sheets

SIST EN IEC 60674-3-1:2021 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60674-3-1

October 2021

ICS 29.035.20

Supersedes EN 60674-3-1:1998 and all of its amendments and corrigenda (if any)

English Version

Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 1: Biaxially oriented polypropylene (PP) film for capacitors (IEC 60674-3-1:2021)

Films plastiques à usages électriques - Partie 3: Spécifications pour matériaux particuliers - Feuille 1: Films de polypropylène biorienté (PP) pour condensateurs (IEC 60674-3-1:2021)

Isolierfolien für elektrotechnische Zwecke - Teil 3: Anforderungen für einzelne Werkstoffe - Blatt 1: Biaxial orientierte Polypropylen-(PP)-Folien für Kondensatoren (IEC 60674-3-1:2021)

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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 15/909/CDV, future edition 2 of IEC 60674-3-1, prepared by IEC/TC 15 “Solid electrical insulating materials” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60674-3-1:2021.

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) 2022–06–29
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024–09–29

This document supersedes EN 60674-3-1:1998 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 60674-3-1:2021 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 60674-1	1980	Specification for plastic films for electrical purposes. Part 1: Definitions and general requirements	EN 60674-1	1998
IEC 60674-2	2016	Specification for plastic films for electrical purposes - Part 2: Methods of test	EN 60674-2	2017

IEC 60674-3-1

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 1: Biaxially oriented polypropylene (PP) films for capacitors

Films plastiques à usages électriques – Partie 3: Spécifications pour matériaux particuliers – Feuille 1: Films de polypropylène biorienté (PP) pour condensateurs

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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PLASTIC FILMS FOR ELECTRICAL PURPOSES –

Part 3: Specifications for individual materials – Sheet 1: Biaxially oriented polypropylene (PP) films for capacitors

FOREWORD

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IEC 60674-3-1 has been prepared by IEC technical committee 15: Solid electrical insulating materials.

This second edition cancels and replaces the first edition published in 1998 and Amendment 1:2011. This edition constitutes a technical revision.

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

a) this document has been completely revised editorially and technically and included in the IEC 60674 series of standards;
b) the test methods have been updated to reflect today's state of the art.

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

Draft	Report on voting
15/909/CDV	15/925/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts in the IEC 60674 series, published under the general title *Plastic films 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 date indicated on the IEC website under 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.