
**Plastic films for electrical purposes - Part 3: Specifications for individual materials
- Sheet 1: Biaxially oriented polypropylene (PP) film for capacitors (IEC 60674-3-1:1998)**

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

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

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

Ta slovenski standard je istoveten z: EN 60674-3-1:1998

ICS:

29.035.20	Plastični in gumeni izolacijski materiali	Plastics and rubber insulating materials
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SIST EN 60674-3-1:2001

en

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EUROPEAN STANDARD

EN 60674-3-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1998

ICS 29.035.20

Descriptors: Electrical insulating materials, solid electrical insulating materials, insulating films, plastic sheets, polypropylene, capacitors, designation, classifications, dimensions, physical properties, dielectric strength, winding tests, labelling

English version

Plastic films for electrical purposes
Part 3: Specifications for individual materials
Sheet 1: Biaxially oriented polypropylene (PP) film for capacitors
(IEC 60674-3-1:1998)

Films plastiques à usages électriques
 Partie 3: Spécifications pour matériaux
 particuliers
 Feuille 1: Films de polypropylène
 biorienté (PP) pour condensateurs
 (CEI 60674-3-1:1998)

Isolierfolien für elektrotechnische
 Zwecke
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 Polypropylen-(PP)-Folien für
 Kondensatoren
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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 15C/862/FDIS, future edition 1 of IEC 60674-3-1, prepared by SC 15C, Specifications, of IEC TC 15, Insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60674-3-1 on 1998-04-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1999-01-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-01-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60674-3-1:1998 was approved by CENELEC as a European Standard without any modification.

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SIST EN 60674-3-1:2001

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Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60674-1	1980	Specification for plastic films for electrical purposes Part 1: Definitions and general requirements	EN 60674-1	1998
IEC 60674-2 + corr. November	1988 1995	Part 2: Methods of test	EN 60674-2	1998
IEC 61074	1991	Determination of heats and temperatures of melting and crystallization of electrical insulating materials by differential scanning calorimetry	EN 61074	1993
ISO 534	1988	Paper and board - Determination of thickness and apparent bulk density or apparent sheet density		-

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Films plastiques à usages électriques –

Partie 3:

Spécifications pour matériaux particuliers –

Feuille 1: Films de polypropylène biorienté (PP)

pour condensateurs
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Plastic films for electrical purposes –

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Part 3:

Specifications for individual materials –

Sheet 1: Biaxially oriented polypropylene (PP)

films for capacitors

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

PLASTIC FILMS FOR ELECTRICAL PURPOSES –

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

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the 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, the IEC publishes International Standards. 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. The 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 60674-3-1 has been prepared by subcommittee 15C: Specifications, of IEC technical committee 15: Insulating materials.

The text of this standard is based on the following documents:

FDIS	Report on voting
15C/862/FDIS	15C/952/RVD

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