

**SLOVENSKI STANDARD
SIST EN 60674-3-3:2001
01-marec-2001**

Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 3: Requirements for polycarbonate (PC) films used for electrical insulation (IEC 60674-3-3:1992)

Specification for plastic films for electrical purposes -- Part 3: Specifications for individual materials -- Sheet 3: Requirements for polycarbonate (PC) films used for electrical insulation

iTeh STANDARD PREVIEW

Bestimmung für Isolierfolien für elektrotechnische Zwecke -- Teil 3: Anforderungen für einzelne Werkstoffe -- Blatt 3: Anforderungen an Polycarbonat-(PC)-Folien zur elektrischen Isolierung

[SIST EN 60674-3-3:2001](#)

<https://standards.iteh.ai/catalog/standards/sist/9b35ea14-f533-4af9-94ab->

Spécification pour les films en matière plastique à usages électriques -- Partie 3: Spécifications pour matériaux particuliers -- Feuille 3: Prescriptions pour les films polycarbonate (PC) utilisés dans l'isolation électrique

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

ICS:

29.035.20 Účæcā } áš Á~ { ^} áš [| æšš \ á Plastics and rubber insulating
 { æ^|æšš materials

SIST EN 60674-3-3:2001

en

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

[SIST EN 60674-3-3:2001](#)

<https://standards.iteh.ai/catalog/standards/sist/9b35ea14-f533-4af9-94ab-1978219aba8f/sist-en-60674-3-3-2001>

**EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM**

EN 60674-3-3

April 1998

ICS 29.035.20

Descriptors: Electrical insulating materials, solid electrical insulating materials, insulating films, plastic films, specifications

English version

**Specification for plastic films for electrical purposes
Part 3: Specifications for individual materials
Sheet 3: Requirements for polycarbonate (PC) films used
for electrical insulation
(IEC 60674-3-3:1992)**

Spécification pour les films en matière
plastique à usages électriques

Partie 3: Spécifications pour matériaux
particuliers

Feuille 3: Prescriptions pour les films
polycarbonate (PC) utilisés dans
l'isolation électrique

(CEI 60674-3-3:1992)

Bestimmung für Isolierfolien für
elektrotechnische Zwecke

Teil 3: Anforderungen für einzelne
Werkstoffe

Blatt 3: Anforderungen an
Polycarbonat-(PC)-Folien zur
elektrischen Isolierung
(IEC 60674-3-3:1992)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60674-3-3:2001

1978219aba8f/sist-en-60674-3-3-2001

This European Standard was approved by CENELEC on 1998-04-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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

Page 2
EN 60674-3-3:1998

Foreword

The text of the International Standard IEC 60674-3-3:1992, prepared by SC 15C, Specifications, of IEC TC 15, Insulating materials, was submitted to the formal vote and was approved by CENELEC as EN 60674-3-3 on 1998-04-01 without any modification.

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) 1998-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1998-12-01

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 60674-3-3:1992 was approved by CENELEC as a European Standard without any modification.

(standards.iteh.ai)

SIST EN 60674-3-3:2001

<https://standards.iteh.ai/catalog/standards/sist/9b35ea14-f533-4af9-94ab-1978219aba8f/sist-en-60674-3-3-2001>



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 60757	1983	Code for designation of colours	HD 457 S1	1985

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 60674-3-3:2001](#)
<https://standards.iteh.ai/catalog/standards/sist/9b35ea14-f533-4af9-94ab-1978219aba8f/sist-en-60674-3-3-2001>

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

[SIST EN 60674-3-3:2001](#)

<https://standards.iteh.ai/catalog/standards/sist/9b35ea14-f533-4af9-94ab-1978219aba8f/sist-en-60674-3-3-2001>

NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI
IEC
674-3-3

Première édition
First edition
1992-04

Spécification pour les films en matière plastique à usages électriques

Partie 3:

Spécifications pour matériaux particuliers

iTeh STANDARD PREVIEW
Feuille 3: Prescriptions pour les films polycarbonate
(standards.iteh.ai)

SIST EN 60674-3-3:2001

<https://standards.iteh.ai/standard/SIST-EN-60674-3-3-2001-1992-04-02/sist-en-60674-3-3-2001>

Part 3:

Specifications for individual materials

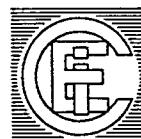
Sheet 3: Requirements for polycarbonate (PC) films
used for electrical insulation

© CEI 1992 Droits de reproduction réservés — Copyright – all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'éditeur.

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Bureau Central de la Commission Electrotechnique Internationale 3, rue de Varembé Genève, Suisse



Commission Electrotechnique Internationale

International Electrotechnical Commission

Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

L

Pour prix, voir catalogue en vigueur
For price, see current catalogue

CONTENTS

	Page
FOREWORD	5
INTRODUCTION	7
 Clause	
1 General	9
1.1 Scope	9
1.2 Normative references	9
1.3 Classification	9
2 Designation	9
3 General requirements	11
4 Dimensions	11
4.1 Thickness	11
4.2 Width	11
5 Properties	13
5.1 Properties not dependent on thickness, all types, both regular and flame-retardant	13
SIST EN 60674-3-3:2001 https://standardsite.iteh.ai/standard/1978219aba8f/sist-en-60674-3-3-2001	
5.2 Properties dependent on thickness	15
5.3 Other properties	17
6 Roll characteristics for all types	19
6.1 Roll diameter / film length	19
6.2 Windability (bias/camber and sag)	19
6.3 Joins	19
6.4 Roll width	21
6.5 Cores	21

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SPECIFICATION FOR PLASTIC FILMS FOR
ELECTRICAL PURPOSES****Part 3: Specifications for individual materials
Sheet 3: Requirements for polycarbonate (PC) films
used for electrical insulation****FOREWORD**

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
 - 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
 - 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.
- iTech STANDARD REVIEW
(standards.itech.ai)**
- 4) The IEC has not laid down any procedure concerning marking as an indication of approval and has no responsibility when an item of equipment is declared to comply with one of its recommendations.

This International Standard has been prepared by Sub-Committee 15C: Specifications, of IEC Technical Committee No. 15: Insulating materials.

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

DIS	Report on Voting
15C(CO)279	15C(CO)305

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