

---

**Specification for insulating materials based on mica - Part 3: Specifications for individual materials - Sheet 5: Glass-backed mica paper with an epoxy resin binder for post-impregnation (VPI) (IEC 60371-3-5:1992)**

Specification for insulating materials based on mica -- Part 3: Specifications for individual materials -- Sheet 5: Glass-backed mica paper with an epoxy resin binder for post-impregnation (VPI)

Bestimmung für Glimmererzeugnisse für elektrotechnische Zwecke -- Teil 3: Bestimmungen für einzelne Materialien -- Blatt 5: Glimmerpapier mit einem Glasgewebeträger mit einem Epoxidkleber zur Vakuumimprägnierung (VIP)

[SIST EN 60371-3-5:1998](https://standards.iteh.ai/catalog/standards/sist/a7de077c-6304-4ded-8fc2-61901a181226/iec-60371-3-5-1992)

Spécification pour les matériaux isolants à base de mica -- Partie 3: Spécifications pour matériaux particuliers -- Feuille 5: Papier de mica renforcé de verre avec un agglomérant en résine époxyde pour post-imprégnation (VPI)

**Ta slovenski standard je istoveten z: EN 60371-3-5:1995**

---

**ICS:**

29.035.10	Papirni in kartonski izolacijski materiali	Paper and board insulating materials
29.035.50	Materiali na podlagi sljude	Mica based materials

**SIST EN 60371-3-5:1998** en

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

[SIST EN 60371-3-5:1998](#)

<https://standards.iteh.ai/catalog/standards/sist/a7de077c-6304-4ded-8fc2-bf176349d9fc/sist-en-60371-3-5-1998>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60371-3-5**

June 1995

ICS 29.040.20

Supersedes HD 352.3.5 S1:1994

Descriptors: Electrical insulating materials, solid electrical insulating materials, electrical insulating paper, mica material, backed materials, glass fabric, epoxy resins, specifications

English version

**Specification for insulating materials based on mica  
Part 3: Specifications for individual materials  
Sheet 5: Glass-backed mica paper with an epoxy resin  
binder for post-impregnation (VPI)  
(IEC 371-3-5:1992)**

Spécification pour les matériaux isolants  
à base de mica

Partie 3: Spécifications pour matériaux  
particuliers

Feuille 5: Papier de mica renforcé de  
verre avec un agglomérant en résine  
époxyde pour post-impregnation (VPI)  
(CEI 371-3-5:1992)

Bestimmung für Glimmererzeugnisse  
für elektrotechnische Zwecke

Teil 3: Bestimmungen für einzelne  
Materialien

Blatt 5: Glimmerpapier mit einem  
Glasgewebetrag mit einem  
Epoxidkleber zur Vakuumimprägnierung  
(VIP)  
(IEC 371-3-5:1992)

This European Standard was approved by CENELEC on 1995-05-15. 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, 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 the International Standard IEC 371-3-5:1992, prepared by SC 15C, Specifications, of IEC TC 15, Insulating materials, was approved by CENELEC as HD 352.3.5 S1 on 1994-03-08.

This Harmonization Document was submitted to the formal vote for conversion into a European Standard and was approved by CENELEC as EN 60371-3-5 on 1995-05-15.

The following date was 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) 1996-07-01

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 371-3-5:1992 was approved by CENELEC as a European Standard without any modification.

**(standards.iteh.ai)**

SIST EN 60371-3-5:1998

<https://standards.iteh.ai/catalog/standards/sist/a7de077c-6304-4ded-8fc2-bf176349d9fc/sist-en-60371-3-5-1998>



**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 371-2	1987 <sup>1)</sup>	Specification for insulating materials based on mica Part 2: Methods of test	-	-
IEC 371-3-2	1991	Part 3: Specifications for individual materials - Sheet 2: Mica paper	EN 60371-3-2	1995
ISO 3687	1976	Paper and board Determination of air resistance (Gurley)	-	-

[SIST EN 60371-3-5:1998](https://standards.iteh.ai/catalog/standards/sist/a7de077c-6304-4ded-8fc2-bf176349d9fc/sist-en-60371-3-5-1998)

<https://standards.iteh.ai/catalog/standards/sist/a7de077c-6304-4ded-8fc2-bf176349d9fc/sist-en-60371-3-5-1998>

---

1) IEC 371-2:1973 is harmonized as HD 352.2 S1:1978.

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

SIST EN 60371-3-5:1998

<https://standards.iteh.ai/catalog/standards/sist/a7de077c-6304-4ded-8fc2-bf176349d9fc/sist-en-60371-3-5-1998>

NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC  
371-3-5

Première édition  
First edition  
1992-10

Spécification pour les matériaux isolants  
à base de mica

Partie 3:

Spécifications pour matériaux particuliers

Feuille 5: Papier de mica renforcé de verre avec  
un agglomérant en résine époxyde pour  
post-impregnation (VPI)

SIST EN 60371-3-5:1998

<https://standards.iteh.ai/catalog/standards/sist/a7de077c-6304-4ded-8fc2->

Specification for insulating materials based  
on mica

Part 3:

Specifications for individual materials

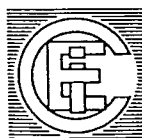
Sheet 5: Glass-backed mica paper with an epoxy  
resin binder for post-impregnation (VPI)

© 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 pro-  
cédé, 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 Varembe Genève, Suisse



Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

K

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

## CONTENTS

	Page
FOREWORD .....	5
INTRODUCTION .....	7
Clause	
1 Scope .....	9
2 Normative references .....	9
3 Designation .....	9
4 Requirements: raw materials .....	13
5 Requirements: composition and tolerances .....	13
6 Requirements for material (as received) .....	15
7 Packing .....	19

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

[SIST EN 60371-3-5:1998](https://standards.iteh.ai/catalog/standards/sist/a7de077c-6304-4ded-8fc2-bf176349d9fc/sist-en-60371-3-5-1998)

<https://standards.iteh.ai/catalog/standards/sist/a7de077c-6304-4ded-8fc2-bf176349d9fc/sist-en-60371-3-5-1998>



## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## SPECIFICATION FOR INSULATING MATERIALS BASED ON MICA

**Part 3: Specifications for individual materials**  
**Sheet 5: Glass-backed mica paper**  
**with an epoxy resin binder for post-impregnation (VPI)**

## 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.
- 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)292	15C(CO)319A

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