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**Izolacijski materiali na podlagi sljude – 3. del: Specifikacije posameznih materialov  
– 9. list: Ulivani micanit (IEC 60371-3-9:1995/A1:2007)**

Insulating materials based on mica -- Part 3: Specifications for individual materials --  
Sheet 9: Moulding micanite (IEC 60371-3-9:1995/A1:2007)

Isoliermaterialien aus Glimmer -- Teil 3: Bestimmungen für einzelne Materialien -- Blatt 9:  
Formmikanit (IEC 60371-3-9:1995/A1:2007)

Matériaux isolants a base de mica -- Partie 3: Spécifications pour matériaux particuliers -  
- Feuille 9: Micanite moulable (IEC 60371-3-9:1995/A1:2007)

[https://standards.iteh.ai/catalog/standards/sist/95a04155-1a4f-4a99-880c-](https://standards.iteh.ai/catalog/standards/sist/95a04155-1a4f-4a99-880c-c8f528e21c1b/sist-en-60371-3-9-1998-a1-2007)

**Ta slovenski standard je istoveten z: EN 60371-3-9:1995/A1:2007**

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**ICS:**

29.035.50      Materiali na podlagi sljude      Mica based materials

**SIST EN 60371-3-9:1998/A1:2007**      en,de

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SIST EN 60371-3-9:1998/A1:2007

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EUROPEAN STANDARD

**EN 60371-3-9/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2007

ICS 29.035.50

English version

**Insulating materials based on mica -  
Part 3: Specifications for individual materials -  
Sheet 9: Moulding micanite  
(IEC 60371-3-9:1995/A1:2007)**

Matériaux isolants à base de mica -  
Partie 3: Spécifications  
pour matériaux particuliers -  
Feuille 9: Micanite moulable  
(CEI 60371-3-9:1995/A1:2007)

Isoliermaterialien aus Glimmer -  
Teil 3: Bestimmungen  
für einzelne Materialien -  
Blatt 9: Formmikanit  
(IEC 60371-3-9:1995/A1:2007)

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This amendment A1 modifies the European Standard EN 60371-3-9:1995; it was approved by CENELEC on 2007-05-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 15/362/FDIS, future amendment 1 to IEC 60371-3-9:1995, prepared by IEC TC 15, Solid electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60371-3-9:1995 on 2007-05-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2008-02-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2010-05-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of amendment 1:2007 to the International Standard IEC 60371-3-9:1995 was approved by CENELEC as an amendment to the European Standard without any modification.

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[SIST EN 60371-3-9:1998/A1:2007](https://standards.iteh.ai/catalog/standards/sist/95a04155-1a4f-4a99-880c-c8f628e21c1b/sist-en-60371-3-9-1998-a1-2007)  
<https://standards.iteh.ai/catalog/standards/sist/95a04155-1a4f-4a99-880c-c8f628e21c1b/sist-en-60371-3-9-1998-a1-2007>

Replace Annex ZA of EN 60371-3-9:1995 by:

**Annex ZA**  
(normative)

**Normative references to international publications  
with their corresponding European publications**

The following referenced documents are indispensable for the application 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 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 60243-1	1998	Electrical strength of insulating materials - Test methods - Part 1: Tests at power frequencies	EN 60243-1	1998
IEC 60371-2	2004	Specification for insulating materials based on mica - Part 2: Methods of test	EN 60371-2	2004
IEC 60371-3-2	2005	Insulating materials based on mica - Part 3: Specifications for individual materials - Sheet 2: Mica paper	EN 60371-3-2 + corr. November	2006 2006
IEC 60554-3-2	1983	Specification for cellulosic papers for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Capacitor paper	-	-
IEC 60674-3-2	1992	Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation	EN 60674-3-2	1998

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# INTERNATIONAL STANDARD

# IEC 60371-3-9

1995

AMENDMENT 1  
2007-04

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Amendment 1

**Insulating materials based on mica –**

**Part 3:  
Specifications for individual materials –  
Sheet 9: Moulding micanite**

(standards.iteh.ai)

[SIST EN 60371-3-9:1998/A1:2007](https://standards.iteh.ai/catalog/standards/sist/95a04155-1a4f-4a99-880c-c8f628e21c1b/sist-en-60371-3-9-1998-a1-2007)

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

PRICE CODE

**D**

*For price, see current catalogue*

## FOREWORD

This amendment has been prepared by IEC technical committee 15: Solid electrical insulating materials.

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

FDIS	Report on voting
15/362/FDIS	15/379/RVD

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

A bilingual version of this publication may be issued at a later date.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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

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(standards.iteh.ai)

SIST EN 60371-3-9:1998/A1:2007

Throughout the text, add 60000 to each IEC standard reference number: for example replace IEC 371-3-2 by IEC 60371-3-2.

Page 5

## INTRODUCTION

*Replace the existing text by the following new text:*

This part of IEC 60371 forms part of a series which deals with insulating materials built up from mica splittings or mica paper, with or without reinforcement, and with mica paper in its pure state for use in electrical equipment.

IEC 60371 consists of three parts under the main title *Insulating materials based on mica*:

Part 1: Definitions and general requirements

Part 2: Methods of test

Part 3: Specifications for individual materials

This standard contains one of the sheets comprising Part 3:

Sheet 9: Moulding micanite.



Page 7

## 1 Scope

*Insert the following new text:*

### Safety warning

**It is the responsibility of the user of the methods contained or referred to in this document to ensure that they are used in a safe manner.**

## 2 Normative references

*Replace the whole of this clause by the following:*

The following referenced documents are indispensable for the application 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.

IEC 60243-1:1998, *Electrical strength of insulating materials – Test methods – Part 1: Tests at power frequencies*

IEC 60371-2:2004, *Specification for insulating materials based on mica – Part 2: Methods of test*

IEC 60371-3-2:2005, *Insulating materials based on mica – Part 3: Specifications for individual materials – Sheet 2: Mica paper*

IEC 60554-3-2:1983, *Specification for cellulosic papers for electrical purposes – Part 3: Specifications for individual materials – Sheet 2: Capacitor paper*

IEC 60674-3-2:1992, *Specification for plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 2: Requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation*

Page 9

## 4 Requirements: raw materials

### 4.1 Mica splittings

*Replace the existing text by the following:*

Mica splittings referred to in this specification shall comply with the requirements of IEC 60371-2.

## 5 Requirements: composition and tolerances

*Replace the first paragraph of this subclause by the following new text:*

When tested by the method of Clause 7 of IEC 60371-2, the composition of the products shall lie within the limits given in Table 1.