INTERNATIONAL STANDARD

IEC 60371-3-8

1995

AMENDMENT 1
2007-04

Amendment 1

Insulating materials based on mica –

Part 3:
Specifications for individual materials –
Sheet 8: Mica paper tapes for flame-resistant security cables

Reference number
IEC 60371-3-8 Amend. 1:2007(E)

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IEC Central Office
3, rue de Varembé
CH-1211 Geneva 20
Switzerland
Email: inmail@iec.ch
Web: www.iec.ch

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Commission Electrotechnique Internationale
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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
15/361/FDIS	15/378/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- withdrawn,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.

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 8: Mica paper tapes for flame-resistant security cables.

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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 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*

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5 Requirements: composition and tolerances

Replace the text 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 of Table 1 to Table 4 for the appropriate grade of mica paper.

Page 15

6.3 Thickness

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

Measure the thickness in accordance with Clause 4 of IEC 60371-2, using the appropriate apparatus given in 4.1.1 of that standard, making 10 measurements uniformly distributed on one thickness of material.

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6.7 Tensile strength

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

When tested by the method of Clause 8 of IEC 60371-2, the tensile strength in the warp and weft directions shall be as shown in Table 6.

6.8 Stiffness

Replace the text of this subclause by the following new text:

The stiffness of the material should be subject to the purchase contract. When the stiffness is specified, the material shall be tested by the method of Clause 11 of IEC 60371-2.

6.9 Flame-resisting characteristics

Replace the second sentence of this subclause by the following new sentence:

However, experience has shown that these tapes can be used in correctly designed fire survival cables that meet the requirements of IEC 60331.

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ISBN 2-8318-9098-5



ICS 29.035.10; 29.035.50

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GENEVA, SWITZERLAND

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