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**Methods of test for electrical
insulating materials based on mica**

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Electrical Insulating and Advanced Performance Materials Industrial Association (JEIA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS C 2116:2004** is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public or utility model right. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public or the utility model right.

Methods of test for electrical insulating materials based on mica

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of **IEC 60371-2** published in 2004 with some modifications of the technical contents to accommodate the current situation in the Japanese market.

For information, Annex JA describes the test methods which are specified in individual product standards, but not specified in the corresponding International Standard, and Annex JB describes the test methods which are widely used in Japan for testing the mica based products, but not specified in the corresponding International Standard.

The portions with continuous sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JC.

1 Scope

This Standard applies to methods of test for electrical insulating materials based on mica.

In this Standard, where test requirements are given for both method A and method B in parallel, either of the methods shall be selected to be applied.

NOTE : The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

IEC 60371-2:2004 *Specification for insulating materials based on mica—Part 2: Methods of test* (MOD)

The symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

JIS B 7502 *Micrometer callipers*

JIS C 2110-1:2010 *Solid electrical insulating materials—Test methods for electric strength—Part 1: Tests at power frequencies*

NOTE : Corresponding International Standard: IEC 60243-1:1998 *Electrical strength of insulating materials—Test methods—Part 1: Tests at power frequencies* (MOD)