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**Test methods of coating powders for
electrical insulation**

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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 Industrial 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 2161** : 1997 has been replaced with this Standard.

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Test methods of coating powders for electrical insulation

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **IEC 60455-2-2** published in 1984. Some alterations and additions are made, however, involving the addition of test methods that are considered necessary, but not given originally in the said 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 explanations is given in Annex JA.

1 Scope

This Standard specifies test methods of thermosetting coating powders for electrical insulation to be used for insulation of electrical and electronic components.

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

IEC 60455-2-2:1984 *Specification for solventless polymerisable resinous compounds used for electrical insulation — Part 2: Methods of test — Test methods for coating powders for electrical purposes (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. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 7411 *Solid-stem general purpose liquid-in-glass thermometers*

JIS B 7502 *Micrometer callipers*

JIS B 7507 *Vernier, dial and digital callipers*

JIS C 1102-2 *Direct acting indicating analogue electrical measuring instruments and their accessories Part 2: Special requirements for ammeters and voltmeters*

JIS C 1602 *Thermocouples*

JIS C 1604 *Resistance thermometer sensors*

JIS C 2320 *Electrical insulating oils*

JIS G 3141 *Cold-reduced carbon steel sheet and strip*