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**Cellulosic papers for electrical
purposes—Part 3-1: Specifications
for individual materials—Electrical
insulating paper**

ICS 29.035.10

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In the event of any doubts arising as to the contents,
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Contents

	Page
Introduction.....	1
1 Scope.....	1
2 Normative references	1
3 Type	2
4 Requirements	2
Annex JA (informative) Comparison table between JIS and corresponding International Standard	11

Foreword

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

Consequently, **JIS C 2303:1999**, **JIS C 2304:1999** and **JIS C 2307:1999** have been withdrawn and partially replaced with **JIS C 2300** series of which this Standard is a part.

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JIS C 2300 series consists of the following 3 parts under the general title “*Cellulosic papers for electrical purposes*”:

Part 1: Definitions and general requirements

Part 2: Methods of test

Part 3-1: Specifications for individual materials—Electrical insulating paper

Cellulosic papers for electrical purposes—Part 3-1: Specifications for individual materials—Electrical insulating paper

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **IEC 60554-3-1** published in 1979 without modifying the technical contents for the corresponding parts, but adding some **JIS** original contents that are not given in the corresponding International Standard.

Further, the portions with continuous sidelines and dotted underlines are the matters not contained in the corresponding International Standard. A list of modifications with explanations is given in Annex JA.

1 Scope

This Standard specifies the general purpose electrical papers, insulating papers for power cables, insulating tissue papers and coil insulating papers, of cellulosic papers for electrical purposes (hereafter referred to as “insulating paper”).

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

IEC 60554-3-1:1979 *Specification for cellulosic papers for electrical purposes—Part 3: Specifications for individual materials—Sheet 1: General purpose electrical paper* (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 indicated below, only the editions of the indicated year shall be applied.

JIS C 2300-1:2010 *Cellulosic papers for electrical purposes—Part 1: Definitions and general requirements*

NOTE : Corresponding International Standard: IEC 60554-1:1977 *Specification for cellulosic papers for electrical purposes—Part 1: Definitions and general requirements* and Amendment 1:1983 (MOD)

JIS C 2300-2:2010 *Cellulosic papers for electrical purposes—Part 2: Methods of test*

NOTE : Corresponding International Standard: IEC 60554-2:2001 *Cellulosic papers for electrical purposes—Part 2: Methods of test* (MOD)