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**Non-cellulosic papers for electrical
purposes — Part 3: Specifications for
individual materials — Sheet 3: Aramid
papers**

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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 for establishment 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.

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JIS C 2323 series consists of the following 3 parts under the general title “*Non-cellulosic papers for electrical purposes*—”:

Part 1 : Definitions and general requirements

Part 2 : Methods of test

Part 3 : Specifications for individual materials — Sheet 3 : Aramid papers

Non-cellulosic papers for electrical purposes — Part 3 : Specifications for individual materials — Sheet 3 : Aramid papers

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of IEC 60819-3-3 published in 2011 with some modifications of the technical contents to correspond to the actual situation in Japan.

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 JA.

1 Scope

This Standard specifies requirements for four types of unfilled aramid papers (hereafter referred to as “papers”) :

- Type 1 : calendered ¹⁾ paper ;
- Type 2 : calendered paper, with improved tearing resistance and conformability;
- Type 3 : uncalendered paper;
- Type 4 : calendered paper, with lower density for laminating.

Note ¹⁾ Calendering means the process of passing paper between metal rollers or between a metal roller and an elastic roller to produce glazed and smooth or transparent papers by pressurization, heating and friction and to adjust paper thickness.

Materials which conform to this Standard meet established levels of performance. However, the selection of material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this Standard alone.

WARNING Persons carrying out tests based on this Standard should be familiar with normal laboratory practice. This Standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this Standard to establish appropriate safety and health practices.

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

IEC 60819-3-3 : 2011 *Non-cellulosic papers for electrical purposes — Part 3 : Specifications for individual materials — Sheet 3 : Unfilled aramid (aromatic polyamide) papers (MOD)*

In addition, symbols which denote the degree of correspondence in the