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Testing methods for cotton fibres

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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 Textile Evaluation Technology Council (JTETC)/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 L 1019**: 1999 is replaced with this Standard.

This revision has been made based on **ISO 2403**: 1972 *Textiles—Cotton fibres—Determination of micronaire value*, **ISO 3060**: 1974 *Textiles—Cotton fibres—Determination of breaking tenacity of flat bundles* and **ISO 4913**: 1981 *Textiles—Cotton fibres—Determination of length (span length) and uniformity index* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

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, utility model right or application for registration of utility model after opening to the public which have technical properties. 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, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Testing methods for cotton fibres

Introduction This Japanese Industrial Standard has been prepared based on the first edition of **ISO 2403** *Textiles—Cotton fibres—Determination of micronaire value* published in 1972, the first edition of **ISO 3060** *Textiles—Cotton fibres—Determination of breaking tenacity of flat bundles* published in 1974 and the first edition of **ISO 4913** *Textiles—Cotton fibres—Determination of length (span length) and uniformity index* published in 1981 with some modifications of the technical contents.

Annexes 1 to 7 contain previous provisions of Japanese Industrial Standard which, in this revision, are given in the form of Annexes (informative), for use in quality control conducted in spinning mills. The portions with continuous sidelines or dotted underlines in this Standard are the matters in which the contents of the original International Standard have been modified. A list of modifications with explanations is given in Annex 8 (informative).

1 Scope This Standard specifies the testing methods of cotton fibres⁽¹⁾.

Note (1) The cotton fibres include sliver and cotton fibres disentangled from roving or yarn and woven fabric.

NOTE : The International Standards corresponding to this Standard are as follows:

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

ISO 2403:1972 *Textiles—Cotton fibres—Determination of micronaire value* (MOD)

ISO 3060:1974 *Textiles—Cotton fibres—Determination of breaking tenacity of flat bundles* (MOD)

ISO 4913:1981 *Textiles—Cotton fibres—Determination of length (span length) and uniformity index* (MOD)

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 K 8103 *Diethyl ether*

JIS K 8150 *Sodium chloride*

JIS K 8288 *Trisodium citrate dihydrate*

JIS K 8576 *Sodium hydroxide*

JIS K 8625 *Sodium carbonate*

JIS K 8983 *Copper (II) sulfate pentahydrate*