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(JTETC/JSA)

**Testing methods for quantitative analysis
of fibre mixtures — Part 2-1: General
principles of testing**

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Foreword

This Japanese Industrial Standard has been 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 Textile Evaluation Technology Council (JTETC)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act. This Standard partially replaces **JIS L 1030-2 : 2012**, which has been withdrawn.

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JIS L 1030-2 series consists of the following 6 parts under the general title *Testing methods for quantitative analysis of fibre mixtures* :

Part 2-1: General principles of testing

Part 2-2: Method of quantitative analysis by manual separation

Part 2-3: Methods of quantitative chemical analysis

Part 2-4: Method by determining nitrogen content

Part 2-5: Methods of quantitative chemical analysis of Ternary fibre mixtures

Part 2-6: Method of quantitative analysis by microscopy method

Testing methods for quantitative analysis of fibre mixtures

— Part 2-1: General principles of testing

1 Scope

This Japanese Industrial Standard specifies common requirements for test methods for determining the mixture ratio of one or more types of fibres contained in a textile product. These requirements apply to the test methods given in the subsequent parts of **JIS L 1030-2**: Part 2-2: Method of quantitative analysis by manual separation, Part 2-3: Methods of quantitative chemical analysis, Part 2-4: Method by determining nitrogen content, Part 2-5: Methods of quantitative chemical analysis of Ternary fibre mixtures and Part 2-6: Method of quantitative analysis by microscopy method. Users of this Standard shall carry out the determination using one or a combination of these test methods. Before applying these standards, it is required that all fibres contained in the textile product under test be identified.

WARNING This Standard series calls for the use of substances ¹⁾ and/or procedures that may be injurious to health if adequate precautions are not taken. It refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage. It has been assumed in the drafting of this Standard series that the execution of its provisions is entrusted to people who are appropriately qualified and/or experienced in handling of specified chemicals.

Note ¹⁾ For substances which may be injurious to health, detailed information can be referred to in the Safety Data Sheet (SDS) for chemical substances, etc.

2 Normative references

Part or all of the provisions of the following standards, 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 0050 *General rules for chemical analysis*

JIS K 0557 *Water used for industrial water and wastewater analysis*

JIS K 8593 *Petroleum ether (Reagent)*

JIS L 0105 *General principles of physical testing methods for textiles*

JIS L 0208 *Glossary of terms used in textile industry — Testing*

JIS L 1030-1 *Testing methods for quantitative analysis of fibre mixtures — Part 1: Testing methods for fibre identification*

JIS L 1030-2-2 *Testing methods for quantitative analysis of fibre mixtures — Part 2-2: Method of quantitative analysis by manual separation*