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**Testing methods for water resistance of
textiles**

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

This Japanese Industrial Standard has been 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 a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied *mutatis mutandis* pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS L 1092** : 2020), which has been technically revised.

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Testing methods for water resistance of textiles

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 811** : 2018, Edition 2, **ISO 4920** : 2012, Edition 2, and **ISO 9865** : 1991, Edition 1, with some modifications of the technical contents according to Japan's actual conditions of testing methods.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standards. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies testing methods for the water resistance of textile, including properties such as resistance to water penetration, water repellency, and water leakage.

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

ISO 811 : 2018 *Textiles — Determination of resistance to water penetration — Hydrostatic pressure test*

ISO 4920 : 2012 *Textile fabrics — Determination of resistance to surface wetting (spray test)*

ISO 9865 : 1991 *Textiles — Determination of water repellency of fabrics by the Bundesmann rain-shower test* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

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 2201 *Gasoline for industrial purpose*

JIS K 2246 *Rust preventive oils*

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

NOTE Normative reference in the corresponding International Standard: **ISO 139** : 2005 *Textiles — Standard atmospheres for conditioning and testing*

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