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**Light conveyor belts — Determination of
the relaxed elastic modulus**

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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 The Japan Belting Manufactures Association (JBMA) /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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Light conveyor belts — Determination of the relaxed elastic modulus

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of ISO 21181 published in 2005 with some modifications of the technical contents.

The portions given sidelines or dotted underlines are the matters in which the contents of the original International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies the determination method of the relaxed elastic modulus of light conveyor belts.

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

ISO 21181 : 2005 *Light conveyor belts — Determination of the relaxed elastic modulus* (MOD)

In addition, 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. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 7721 *Tension/compression testing machines — Verification and calibration of the force-measuring system*

NOTE : Corresponding International Standard : ISO 7500-1 *Metallic materials — Verification of static uniaxial testing machines — Part 1 : Tension/compression testing machines — Verification and calibration of the force-measuring system* (MOD)

JIS K 6404-3 *Testing methods for rubber or plastics-coated fabrics — Part 3 : Determination of tensile strength and elongation at break*

ISO 9856 *Conveyor belts — Determination of elastic and permanent elongation and calculation of elastic modulus*