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Rubber, vulcanized or thermoplastics—Determination of stress relaxation

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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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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 The Japan Rubber Manufacturers Association (JRMA)/Japanese Standards Association (JSA) with the draft prepared from the association standard 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 A 6263**:2004 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Rubber, vulcanized or thermoplastics—Determination of stress relaxation

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 3384-1** published in 2011 and Amendment 1 (2013) with some modifications of the technical contents.

The portions given 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 methods for determining the decrease in counterforce of vulcanized or thermoplastic rubber which has been compressed or stretched to a constant deformation and maintained in the specified environment.

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

ISO 3384-1:2011 *Rubber, vulcanized or thermoplastic—Determination of stress relaxation in compression—Part 1: Testing at constant temperature* and Amendment 1: 2013 *Revised calibration schedule* (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**.

WARNING Persons using 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.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

JIS B 2401-1 *O-rings—Part 1: O-rings*

NOTE : Corresponding international Standard: ISO 3601-1 *Fluid power systems—O-rings—Part 1: Inside diameters, cross-sections, tolerances and designation codes* (MOD)

JIS K 6200 *Rubber—Vocabulary*