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Rubber, vulcanized or thermoplastic— Determination of tear strength

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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 Manufactures Association (JRMA)/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 K 6252:2001 is replaced with this Standard.

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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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Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 34-1** published in 2004 and the first edition of **ISO 34-2** published in 1996 with some modifications of the technical contents to improve the convenience and the like of the user.

The portions underlined with dots are the matters in which the contents of the original International Standards have been modified. A list of modifications with the explanations is given in Annex JB.

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 to establish appropriate safety and health practices.

1 Scope

This Standard specifies the determination method of tear strength of vulcanized rubber and thermoplastic rubber by using the unnicked angle test piece, nicked angle test piece, crescent test piece, trouser test piece and Delft test piece.

- NOTE 1 The Delft test piece is suitable for the case when sampling and preparing the angle test piece, crescent test piece or trouser test piece is difficult, and when the test piece is taken from a specially small size product.
- NOTE 2 The International Standards corresponding to this Standard are as follows.

ISO 34-1:2004 Rubber, vulcanized or thermoplastic—Determination of tear strength—Part 1: Trouser, angle and crescent test pieces

ISO 34-2:1996 Rubber, vulcanized or thermoplastic—Determination of tear strength—Part 2: Small (Delft) test pieces (Overall evaluation: 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**.

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 6200 Rubber—Vocabulary

JIS K 6250 Rubber—General procedures for preparing and conditioning test pieces for physical test methods