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(JRMA/JSA)

**Rubber, vulcanized or
thermoplastic—Determination of
low-temperature properties—
Part 1: General introduction and
guide**

ICS 83.060

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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 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 Rubber Manufacturers 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. Consequently **JIS K 6261**:2006 has been withdrawn and partially replaced with this Standard.

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JIS K 6261 series consists of the following 4 parts under the general title “*Rubber, vulcanized or thermoplastic—Determination of low-temperature properties*”:

Part 1: General introduction and guide

Part 2: Low-temperature brittleness

Part 3: Low temperature stiffening (Gehman test)

Part 4: Low-temperature retraction (TR test)

Rubber, vulcanized or thermoplastic— Determination of low-temperature properties—Part 1: General introduction and guide

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 18766**:2014, Edition 1, with some modifications of the technical contents.

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

1 Scope

This Standard provides a general introduction to, and guidance on, the methods of test for low temperature properties of vulcanized and thermoplastic rubbers.

It is intended to provide an understanding of the significance of the various low temperature properties and to assist in the selection of an appropriate test method.

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

ISO 18766:2014 *Rubber, vulcanized or thermoplastic—Low temperature testing—General introduction and guide* (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**.

1A Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendment) indicated below shall be applied.

JIS K 6200 *Rubber—Vocabulary*

2 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS K 6200**, and the following apply.

2.1 low temperature test

test to measure any property at a temperature below standard laboratory temperature