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Rubber compounding ingredients— Organic chemicals—Test methods— Part 1: General

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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 K 6220-1:2001 is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with 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.

JIS K 6220 series consists of the following 3 parts under the general title "Rubber compounding ingredients":

- JIS K 6220-1 Rubber compounding ingredients—Organic chemicals—Test methods— Part 1: General
- JIS K 6220-2 Rubber compounding ingredients—Test methods—Part 2: Organic accelerators and vulcanizing agents
- JIS K 6220-3 Rubber compounding ingredients—Test methods—Part 3: Antidegradants

Rubber compounding ingredients— Organic chemicals—Test methods— Part 1: General

JIS K 6220-1:2015

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 28641** published in 2010 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 JD.

1 Scope

This Standard specifies the general test method of compounding ingredients for rubber (hereafter referred to as "rubber compounding ingredients") such as vulcanizing agents, accelerators and antidegradants. This Standard is not applied to peroxide-based vulcanizing agents.

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

ISO 28641:2010 Rubber compounding ingredients—Organic chemicals—General test methods (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. The most recent editions of the standard (including amendments) indicated below shall be applied.

JIS B 7410 Liquid-in-glass thermometers for testing of petroleum product

JIS B 7411-1 Glass thermometers for general—Part 1: General measuring instruments

NOTE: Corresponding International Standard: ISO 1770 Solid-stem general purpose thermometers (MOD)

JIS B 7507 Vernier, dial and digital callipers

JIS B 7525-1 Density hydrometers