

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS K 6220-2 : 2018

(JRMA/JSA)

**Rubber compounding ingredients—
Organic chemicals—Test methods—
Part 2: Sulfenamide accelerators**

ICS 83.040.20

Reference number : **JIS K 6220-2 : 2018 (E)**

K 6220-2 : 2018

Date of Establishment: 2001-01-20

Date of Revision: 2018-02-20

Date of Public Notice in Official Gazette: 2018-02-20

Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area
Technical Committee on Chemical Products and
Analytical Methods

JIS K 6220-2:2018, First English edition published in 2018-08

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan

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Foreword

This Japanese Industrial Standard has been 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 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 6220-2**:2001 is replaced with this Standard.

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JIS K 6220 series consists of the following 4 parts under the general title “*Rubber compounding ingredients—Organic chemicals*”:

JIS K 6220-1 *Test methods—Part 1: General*

JIS K 6220-2 *Test methods—Part 2: Sulfenamide accelerators*

JIS K 6220-3 *Test methods—Part 3: p-Phenylenediamine antidegradants (PPDs)*

JIS K 6220-4 *Part 4: Abbreviated terms*

Rubber compounding ingredients— Organic chemicals—Test methods— Part 2: Sulfenamide accelerators

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 11235:2016**, Edition 2, 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 specifies the test methods for physical and chemical properties of sulfenamide accelerators used as a rubber compounding ingredient.

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

ISO 11235:2016 *Rubber compounding ingredients—Sulfenamide accelerators—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 standards (including amendments) indicated below shall be applied.

JIS K 0050 *General rules for chemical analysis*

JIS K 0211 *Technical terms for analytical chemistry (General part)*

JIS K 5600-1-2 *Testing methods for paints—Part 1: General rules—Section 2: Sampling*

NOTE Corresponding International Standard: ISO 15528 *Paints varnishes and raw materials for paints and varnishes—Sampling*

JIS K 6220-4 *Rubber compounding ingredients—Organic chemicals—Part 4: Abbreviated terms*

JIS K 8001 *General rules for test methods of reagents*