JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS K 6224 : 2017

(JRMA/JSA)

Rubber compounding ingredients—Magnesium oxide—Methods of test

ICS 83.040.20

Reference number : JIS K 6224 : 2017 (E)

Date of Establishment: 2017-11-20
Date of Public Notice in Official Gazette: 2017-11-20
Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area
Technical Committee on Chemical Products and Analytical Methods

JIS K 6224:2017, First English edition published in 2018-06

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,
the original JIS is to be the final authority.

Printed in Japan

KK/AT

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Foreword

This Japanese Industrial Standard has been 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.

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 compounding ingredients—Magnesium oxide—Methods of test

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 21869**:2006, Edition 1, with some additions and modifications of the technical contents to appropriately evaluate the quality of magnesium oxide used as a rubber compounding ingredient.

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 JD.

1 Scope

This Standard specifies the test methods for physical and chemical properties of magnesium oxide 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 21869:2006 *Rubber compounding ingredients—Magnesium oxide—Methods of test* (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 0116 *General rules for atomic emission spectrometry*

JIS K 0121 *General rules for atomic absorption spectrometry*

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* (IDT)