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STANDARD

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JIS K 6218-2 : 2005
(JRMA/JSA)

**Carbon black for rubber industry—
Secondary characteristics—
Part 2 : Determination of ash**

ICS 83.040.20

Reference number : JIS K 6218-2 : 2005 (E)

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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 as the result of proposal of establishing a Japanese Industrial Standard from The Japan Rubber Manufacturers Association (JRMA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law. Consequently **JIS K 6218 : 1997** is replaced with this Standard.

This Standard has been made based on **ISO 1125 : 1999** *Rubber compounding ingredients—Carbon black—Determination of ash* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

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.

JIS K 6218 series consists of the following 5 parts under the general title “*Carbon black for rubber industry—Secondary characteristics*”:

Part 1 : Determination of loss on heating

Part 2 : Determination of ash

Part 3 : Determination of sieve residue

Part 4 : Determination of light transmittance of toluene extract

Part 5 : Determination of solvent extractable material

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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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Carbon black for rubber industry— Secondary characteristics— Part 2 : Determination of ash

Introduction This Japanese Industrial Standard has been prepared based on the third edition of **ISO 1125** *Rubber compounding ingredients—Carbon black—Determination of ash* published in 1999 with some modifications of the technical contents of the original International Standard.

Portions given sidelines or dotted underlines are the matters in which the contents of the original International Standard have been modified. A list of modifications with the explanation is given in annex 2 (informative).

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 part of **JIS K 6218** specifies a method for determining the ash of all types of carbon black (hereafter referred to as “carbon black”) for use in the rubber industry.

Remarks : The International Standard corresponding to this part of **JIS K 6218** is as follows.

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**.

ISO 1125 : 1999 *Rubber compounding ingredients—Carbon black—Determination of ash* (MOD)

2 Normative references The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. If the indication of the year of publication is given to these referred standards, only the edition of indicated year constitutes the provision of this Standard but the revision and amendment made thereafter do not apply. The normative references without the indication of the year of coming into effect apply limiting only to the most recent editions (including amendments).

JIS K 6216-1 *Carbon black for rubber industry—General matters—Part 1: Carbon black shipment sampling procedures*

Remarks : **ISO 1124** : 1988 *Rubber compounding ingredients—Carbon black shipment sampling procedures* is identical with the said standard.

JIS Z 8401 *Guide to the rounding of numbers*