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STANDARD

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JIS P 8251 : 2003

(JAPAN TAPPI/JSA)

**Paper, board and pulps—
Determination of residue (ash) on
ignition at 525 degrees C**

ICS 85.040; 85.060

Reference number : JIS P 8251 : 2003 (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 according to the proposal of establishing a Japanese Industrial Standard from the Japan Technical Association of the Pulp and Paper Industry (JAPAN TAPPI)/the Japanese Standards Association (JSA), with a draft of Industrial Standard based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

In order to conform to the International Standard, this Standard has been prepared based on **ISO 1762 : 2001 Paper, board and pulps—Determination of residue (ash) on ignition at 525 °C**.

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Technical Committee on Paper and Pulp

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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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Paper, board and pulps— Determination of residue (ash) on ignition at 525 degrees C

Introduction This Japanese Industrial Standard that has been prepared based on the second edition of **ISO 1762** *Paper, board and pulps—Determination of residue (ash) on ignition at 525 °C*, published in 2001 with some modifications of the technical contents.

Portions underlined with dots are the matters not included in the original International Standard. A list of modifications with their explanations is shown in the Annex (informative).

1 Scope This Standard specifies a procedure for the determination of residue on ignition at 525 degrees C of paper, board and pulp. This Standard applies to all types of paper, board and pulp.

Remarks : The International Standard corresponding to this Standard is given below.

The symbols indicating the degree of correspondence shall be IDT (identical), MOD (modified) and NEQ (not equivalent) based on **ISO/IEC Guide 21**.

ISO 1762 : 2001 *Paper, board and pulps—Determination of residue (ash) on ignition at 525 °C* (MOD)

Information : In order to suppress the dissolution of calcium carbonate as far as possible, the ignition temperature has been modified from 575 degrees C to 525 degrees C. Calcium carbonate contained in paper hardly dissolves at 525 degrees C. Magnesium carbide and calcium sulphate dissolve at least partially at the temperature below 525 degrees C.

2 Normative references The following standards contain provisions which, through reference in this Standard, 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 are not applied. The normative references without the indication of the year of coming into effect apply limiting only to the most recent edition (including the amendment).

JIS H 6201 *Platinum crucibles for chemical analysis*

JIS P 0001 *Paper, board and pulp—Vocabulary*

JIS P 8110 *Paper and board—Sampling to determine average quality*

Remarks : **ISO 186 : 1994** *Paper and board—Sampling to determine average quality* is equivalent to the said standard.

JIS P 8127 *Paper and board—Determination of moisture content—Oven-drying method*