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(JAPAN TAPPI/JSA)

**Pulps — Laboratory wet disintegration —
Part 2: Disintegration of mechanical pulps
at 20 °C**

ICS 85.040

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In the event of any doubts arising as to the contents,
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## Contents

|                                                                                                       |                                   | Page |
|-------------------------------------------------------------------------------------------------------|-----------------------------------|------|
| Introduction .....                                                                                    |                                   | 1    |
| 1                                                                                                     | Scope .....                       | 1    |
| 2                                                                                                     | Normative references .....        | 1    |
| 3                                                                                                     | Terms and definitions .....       | 2    |
| 4                                                                                                     | Apparatus .....                   | 2    |
| 5                                                                                                     | Preparation of test portion ..... | 2    |
| 6                                                                                                     | Procedure .....                   | 3    |
| 7                                                                                                     | Test report .....                 | 4    |
| Annex A (normative) Construction of the standard disintegrator .....                                  |                                   | 5    |
| Annex B (normative) Checking the standard disintegrator .....                                         |                                   | 8    |
| Annex JA (informative) Comparison table between JIS and corresponding<br>International Standard ..... |                                   | 9    |

## 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 for establishment of Japanese Industrial Standard submitted by Japan Technical Association of the Pulp and Paper Industry (JAPAN TAPPI)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

Consequently **JIS P 8220**:1998 has been withdrawn and partially replaced with this Standard.

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 P 8220** series consists of the following two parts under the general title “*Pulps — Laboratory wet disintegration*”:

*Part 1: Disintegration of chemical pulps*

*Part 2: Disintegration of mechanical pulps at 20 °C*

# Pulps — Laboratory wet disintegration —

## Part 2 : Disintegration of mechanical pulps at 20 °C

### Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 5263-2** published in 2004 with some modifications of the technical contents.

The portions with dotted underlines are the matters not given in the corresponding International Standard. A list of modifications with explanations is given in Annex JA.

### 1 Scope

This Standard specifies an apparatus and the procedures for the disintegration of mechanical pulps that do not exhibit latency or mechanical pulps where latency has already been removed. This apparatus and procedure are required for preparation of the test portion in a number of other standards dealing with pulps.

In principle, this method is applicable to all kinds of mechanical pulps that do not exhibit latency, semi-chemical pulps and chemi-mechanical pulps, including recovered fibres from mechanical pulps. It is not suitable for mechanical pulps exhibiting latency.

This Standard should also be used to disintegrate all mechanical pulps to be measured for brightness.

NOTE 1 Brightness is not significantly altered by the presence of latency; however, hot disintegration of mechanical pulps can lead to significant loss of brightness.

NOTE 2 For the mechanical pulp exhibiting latency, the disintegration specified in **ISO 5263-3** shall be used.

NOTE 3 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 5263-2 : 2004 *Pulps — Laboratory wet disintegration — Part 2 : Disintegration of mechanical pulps at 20 °C* (MOD)

The 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**.

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

JIS P 8203 *Paper, board and pulps — Determination of dry matter content —*