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| STN | Buničiny Laboratórne rozvlákňovanie za mokra Časť 3: Rozvlákňovanie mechanických buničín pri teplote ≥ 85 °C (ISO 5263-3: 2023) | STN EN ISO 5263-3 50 0220 |
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Pulps - Laboratory wet disintegration - Part 3: Disintegration of mechanical pulps at 85°C (ISO 5263-3:2023)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/23

Rozpracované prekladom.

Obsahuje: EN ISO 5263-3:2023, ISO 5263-3:2023

Oznámením tejto normy sa ruší
STN EN ISO 5263-3 (50 0220) z augusta 2005

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EUROPEAN STANDARD

EN ISO 5263-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2023

ICS 85.040

Supersedes EN ISO 5263-3:2004

English Version

**Pulps - Laboratory wet disintegration - Part 3:
Disintegration of mechanical pulps at $\geq 85^{\circ}\text{C}$ (ISO 5263-
3:2023)**

Pâtes - Désintégration humide en laboratoire - Partie 3:
Désintégration des pâtes mécaniques à une
température supérieure ou égale à 85°C (ISO 5263-
3:2023)

Faserstoffe - Nassaufschlagen im Labor - Teil 3:
Aufschlagen von Holzstoff bei $\geq 85^{\circ}\text{C}$ (ISO 5263-
3:2023)

This European Standard was approved by CEN on 11 February 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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EN ISO 5263-3:2023 (E)

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European foreword

This document (EN ISO 5263-3:2023) has been prepared by Technical Committee ISO/TC 6 "Paper, board and pulps" in collaboration with Technical Committee CEN/TC 172 "Pulp, paper and board" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2023, and conflicting national standards shall be withdrawn at the latest by August 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 5263-3:2004.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Endorsement notice

The text of ISO 5263-3:2023 has been approved by CEN as EN ISO 5263-3:2023 without any modification.

INTERNATIONAL STANDARD

ISO 5263-3

Second edition
2023-02

Pulps — Laboratory wet disintegration —

Part 3: Disintegration of mechanical pulps at ≥85°C

Pâtes — Désintégration humide en laboratoire —

Partie 3: Désintégration des pâtes mécaniques à une température supérieure ou égale à 85 °C



Reference number
ISO 5263-3:2023(E)

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ISO 5263-3:2023(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 172, *Pulp, paper and board*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 5263-3:2004), which has been technically revised.

The main changes are as follows:

- the requirement to reduce the temperature of the suspension immediately following disintegration has been made explicit.

A list of all parts in the ISO 5263 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Pulps — Laboratory wet disintegration —

Part 3:

Disintegration of mechanical pulps at $\geq 85^{\circ}\text{C}$

1 Scope

This document specifies an apparatus and the procedures for the laboratory wet disintegration of mechanical pulps that exhibit latency except when brightness is measured. This apparatus and procedure can be used for preparation of the test portion in other International Standards dealing with pulps.

This document is applicable to all kind of mechanical pulps (i.e. mechanical, semi-chemical and chemi-mechanical pulps) exhibiting latency.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 638-1, *Paper, board, pulps and cellulosic nanomaterials — Determination of dry matter content by oven-drying method — Part 1: Materials in solid form*

ISO 4119, *Pulps — Determination of stock concentration*

ISO 14487, *Pulps — Standard water for physical testing*

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