SLOVENSKI STANDARD
SIST EN ISO 5263-1:2005

01-februar-2005

Nadomeġļa:
SIST EN ISO 5263:2000

Vlaknine - Laboratorijsko razvlaknjevanje v mokrem - 1. del: Razvlaknjevanje kemijskih vlaknin (ISO 5263-1:2004)

Pulps - Laboratory wet disintegration - Part 1: Disintegration of chemical pulps (ISO 5263 -1:2004)

Faserstoffe - Nassaufschlagen im Labor - Teil 1: Aufschlagen von Chemiezellstoff (ISO 5263-1:2004)

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Pâtes - Désintégration humide en laboratoire - Partie 1: Désintégration des pâtes chimiques (ISO 5263-1:2004)

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Ta slovenski standard je istoveten z: **EN ISO 5263-1:2004**

ICS:

85.040	Vlaknine	Pulps

SIST EN ISO 5263-1:2005 **en**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 5263-1

September 2004

ICS 85.040

Supersedes EN ISO 5263:1997

English version

Pulps - Laboratory wet disintegration - Part 1: Disintegration of chemical pulps (ISO 5263-1:2004)

Pâtes - Désintégration humide en laboratoire - Partie 1: Désintégration des pâtes chimiques (ISO 5263-1:2004)

This European Standard was approved by CEN on 2 August 2004.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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Foreword

This document (EN ISO 5263-1:2004) 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of an identical text or by endorsement, at the latest by March 2005, and conflicting national standards shall be withdrawn at the latest by March 2005.

This document supersedes EN ISO 5263 :1997.

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

Endorsement notice

The text of ISO 5263-1:2004 has been approved by CEN as EN ISO 5263-1:2004 without any modifications.

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INTERNATIONAL STANDARD

ISO 5263-1

First edition
2004-09-01

Pulps — Laboratory wet disintegration —

Part 1: Disintegration of chemical pulps

Pâtes — Désintégration humide en laboratoire —

Partie 1: Désintégration des pâtes chimiques

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 5263-1 was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 5, *Test methods and quality specifications for pulps*.

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This first edition cancels and replaces ISO 5263:1995 which has been technically revised. In the revision, ISO 5263 has been divided into three parts: Part 1 which is applicable to chemical pulps, Part 2 which is applicable to mechanical pulps without latency and Part 3 which is applicable to mechanical pulps exhibiting latency. In Part 3, an informative Annex has been inserted describing the effect of latency in mechanical pulps.

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ISO 5263 consists of the following parts, under the general title *Pulps — Laboratory wet disintegration*:

— *Part 1: Disintegration of chemical pulps*

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

— *Part 3: Disintegration of mechanical pulps at ⩾ 85 °C*

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Pulps — Laboratory wet disintegration —

Part 1: Disintegration of chemical pulps

1 Scope

This part of ISO 5263 specifies an apparatus and the procedure for the laboratory-wet disintegration of chemical pulps. This apparatus and procedure are required for preparation of the test portion in a number of other International Standards dealing with pulps.

In principle, this method is applicable to all kind of chemical pulps, including recovered fibres. It is not suitable for mechanical pulps and some very long-fibred chemical pulps such as those from cotton and similar materials.

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2 Normative references

The following referenced documents are indispensable for the application 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.

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ISO 638, *Pulps — Determination of dry matter content*

ISO 4119, *Pulps — Determination of stock concentration*

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

3 Definition

For the purposes of this part of ISO 5263, the following definition applies.

3.1
disintegration of chemical pulp
mechanical treatment in water so that interlaced fibres, which were free in the pulp stock, are again separated from one another without appreciably changing their structural properties

4 Apparatus

Ordinary laboratory apparatus and the following:

4.1 Standard disintegrator, as described in Annex A.

NOTE The procedure for checking the Standard disintegrator is given in Annex B.

4.2 Balance, capable of weighing with an accuracy of ± 0,2 g.

4.3 Standard water, for physical testing, as specified in ISO 14487.

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