

Pulps - Laboratory wet disintegration - Part 1: Disintegration of chemical pulps

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Disintegration of chemical pulps

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 5263-1:2004 sisaldab Euroopa standardi EN ISO 5263-1:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 23.11.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 5263-1:2004 consists of the English text of the European standard EN ISO 5263-1:2004.</p> <p>This document is endorsed on 23.11.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>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.</p>	<p>Scope:</p> <p>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.</p>
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ICS 85.040

Võtmesõnad: laborikatsed, laboriseadmed, lagundamisteimid, paberimassid, teimimine

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)

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

This European Standard was approved by CEN on 2004-08-02.

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 5263-1 : 2004 Pulps – Laboratory wet disintegration – Part 1: Disintegration of chemical pulps, which was prepared by ISO/TC 6 'Paper, board and pulps' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 172 'Pulp, paper and board', the Secretariat of which is held by DIN, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by March 2005 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 5263-1 : 2004 was approved by CEN as a European Standard without any modification.

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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.

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.

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 $\pm 0,2$ g.

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