SLOVENSKI STANDARD
SIST EN ISO 287:2018

01-februar-2018

Nadomešča:
SIST EN ISO 287:2009

Papir, karton in lepenka - Določevanje vlage v vzorcu pošiljke - Metoda sušenja v sušilniku (ISO 287:2017)

Paper and board - Determination of moisture content of a lot - Oven-drying method (ISO 287:2017)

Papier und Pappe - Bestimmung des Feuchtegehaltes eines Lieferpostens - Wärmeschrankverfahren (ISO 287:2017)

Papier et carton - Détermination de la teneur en humidité d'un lot - Méthode par séchage à l'étuve (ISO 287:2017)

Ta slovenski standard je istoveten z: **EN ISO 287:2017**

ICS:

85.060	Papir, karton in lepenka	Paper and board

SIST EN ISO 287:2018 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 287

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ICS 85.060

Supersedes EN ISO 287:2009

English Version

Paper and board - Determination of moisture content of a lot - Oven-drying method (ISO 287:2017)

Papier et carton - Détermination de la teneur en humidité d'un lot - Méthode par séchage à l'étuve (ISO 287:2017)

Papier und Pappe - Bestimmung des Feuchtegehaltes eines Lieferpostens - Wärmeschrankverfahren (ISO 287:2017)

This European Standard was approved by CEN on 8 December 2017.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 287:2017) 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of an identical text or by endorsement, at the latest by June 2018 and conflicting national standards shall be withdrawn at the latest by June 2018.

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 287:2009.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 287:2017 has been approved by CEN as EN ISO 287:2017 without any modification.

INTERNATIONAL STANDARD

ISO 287

Fourth edition
2017-11

Paper and board — Determination of moisture content of a lot — Oven-drying method

Papier et carton — Détermination de la teneur en humidité d'un lot — Méthode par séchage à l'étuve

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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).

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

For an explanation on 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 the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 2, *Test methods and quality specifications for paper and board*.

This fourth edition cancels and replaces the third edition (ISO 287:2009), which has been technically revised.

The main changes compared to the previous edition are as follows:

— precision data (previously in Clause 11) have been moved to Annex A;

— editorial changes have been made for clarification and removal of inconsistencies.

Introduction

The determination of dry matter content and moisture content are carried out for different purposes.

ISO 638 is used in cases where the dry matter content is needed to calculate the result of chemical analysis or physical testing and when the determination of the moisture content of a sample, rather than a lot, is required. As an example, the dry matter content of the sample is needed to express the content of elements, such as cadmium and manganese, in relation to the oven-dry mass of the sample.

This document is used for the purpose of determining the average moisture content and the variation in moisture content (maximum and minimum values) of a lot. In the paper and board trade, the moisture content is important since it influences converting processes, such as printing and copying. The moisture content also has an influence on curl and dimensional stability.