

**SLOVENSKI STANDARD
SIST EN ISO 12625-3:2014****01-september-2014****Nadomešča:****SIST EN ISO 12625-3:2005**

Tissue papier in proizvodi iz tissue papirja - 3. del: Ugotavljanje debeline, specifičnega volumna in prostorninske mase (ISO 12625-3:2014)

Tissue paper and tissue products - Part 3: Determination of thickness, bulking thickness and apparent bulk density (ISO 12625-3:2014)

Tissue-Papier und Tissue-Produkte - Teil 3: Bestimmung der Dicke, der Blattdicke im Stapel, der scheinbaren Stapeldichte und der Masse (ISO 12625-3:2014)

Papier en tissu et produits en tissu - Partie 3: Détermination de l'épaisseur, de l'épaisseur moyenne d'une feuille en liasse et de la masse volumique moyenne (ISO 12625-3:2014)

Ta slovenski standard je istoveten z: EN ISO 12625-3:2014**ICS:**

85.080.20 Tissue papier Tissue paper

SIST EN ISO 12625-3:2014 en

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EUROPEAN STANDARD

EN ISO 12625-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2014

ICS 85.060

Supersedes EN ISO 12625-3:2005

English Version

Tissue paper and tissue products - Part 3: Determination of thickness, bulking thickness and apparent bulk density and bulk (ISO 12625-3:2014)

Papier tissue et produits tissue - Partie 3: Détermination de l'épaisseur, de l'épaisseur moyenne d'une feuille en liasse et de la masse volumique moyenne et de la main (ISO 12625-3:2014)

Tissue-Papier und Tissue-Produkte - Teil 3: Bestimmung der Dicke, der Blattdicke im Stapel, der scheinbaren Stapeldichte und des spezifischen Volumens (ISO 12625-3:2014)

This European Standard was approved by CEN on 15 February 2014.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN ISO 12625-3:2014) has been prepared by Technical Committee ISO/TC 6 "Paper, board and pulps" in collaboration Technical Committee EN ISO 12625-3:2014 by 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 October 2014, and conflicting national standards shall be withdrawn at the latest by October 2014.

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

This document supersedes EN ISO 12625-3:2005.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 12625-3:2014 has been approved by CEN as EN ISO 12625-3:2014 without any modification.

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INTERNATIONAL
STANDARD

ISO
12625-3

Second edition
2014-03-15

Tissue paper and tissue products —
Part 3:
Determination of thickness, bulking
thickness and apparent bulk density
and bulk

iTeh STANDARD PREVIEW
Papier tissue et produits tissue —
Partie 3: Détermination de l'épaisseur, de l'épaisseur moyenne d'une
feuille en liasse et de la masse volumique moyenne et de la main

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Reference number
ISO 12625-3:2014(E)

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Published in Switzerland

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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).

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 on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information.

ISO 12625-3 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 172, *Pulp, paper and board* in collaboration with Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 2, *Test methods and quality specifications for 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 12625-3:2005), which has been technically revised.

With regard to ISO 12625-3:2005, the following minor changes have been made:

- a) title changed; "bulk" added;
- b) the accuracy data in [Annex A](#) were adjusted to the existing equipment capabilities and calibration procedures;
- c) preparation of test pieces more precisely described, [7.1](#) and [7.4](#) reformulated;
- d) editorial updating.

ISO 12625 consists of the following parts, under the general title *Tissue paper and tissue products*

- *Part 1: General guidance on terms;*
- *Part 3: Determination of thickness, bulking thickness, apparent bulk density and bulk*
- *Part 4: Determination of tensile strength, stretch at break and tensile energy absorption;*
- *Part 5: Determination of wet tensile strength;*
- *Part 6: Determination of grammage;*
- *Part 7: Determination of optical properties — Measurement of brightness and colour with D65/10° (outdoor daylight);*
- *Part 8: Water-absorption time and water-absorption capacity; basket-immersion test method;*

- *Part 9: Determination of ball burst strength;*
- *Part 11: Determination of wet ball burst strength;*
- *Part 12: Determination of tensile strength of perforated lines — Calculation of perforation efficiency;*
- *Part 15 Determination of optical properties — Measurement of brightness and colour with C/2° (indoor daylight) illuminant;*
- *Part 16 Determination of optical properties — Opacity (paper backing) — Diffuse reflectance method*

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