Tissue paper and tissue products - Part 8: Waterabsorption time and water-absorption capacity, basketimmersion test method (ISO 12625-8:2010)



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

This Estonian standard EVS-EN ISO 12625- 8:2011 consists of the English text of the European standard EN ISO 12625-8:2010.	
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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN ISO 12625-8

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ICS 85.060

Supersedes EN ISO 12625-8:2006

English Version

Tissue paper and tissue products - Part 8: Water-absorption time and water-absorption capacity, basket-immersion test method (ISO 12625-8:2010)

Papier tissue et produits tissers - Partie 8: Temps d'absorption d'eau et capacité d'absorption d'eau, méthode d'essai d'immersion au panier (180 12625-8:2010)

Tissue-Papier und Tissue-Produkte - Teil 8: Zeit für die Wasseraufnahme und Wasseraufnahmekapzität, Korbeintauch-Prüfverfahren (ISO 12625-8:2010)

This European Standard was approved by CEN on 14 December 2010.

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

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Foreword

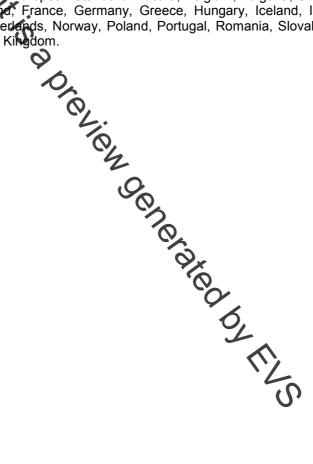
This document (EN ISO 12625-8:2010) has been prepared by Technical Committee CEN/TC 172 "Pulp, paper and board", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 6 "Paper, board and pulps".

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of an identical text or by endorsement, at the latest by June 2011, and conflicting national standards shall be withdrawn at the latest by June 2011.

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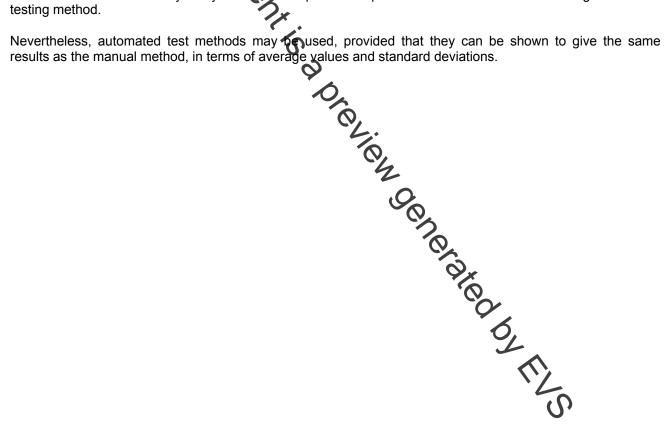
Introduction

This part of ISO 12625 describes one principle for the determination of water-absorption properties of tissue paper and tissue products, a principle in which sheets of the sample are inserted in a cylindrical basket, which is immersed in water. The results are expressed as

- water-absorption time, and
- water-absorption capacin

In European and international reade, both water-absorption time and water-absorption capacity represent important parameters in the field of comparison of tissue products.

Both manual and automated methods exist, but the procedure described in this part of ISO 12625 refers to manual devices only. The reason is that precision results obtained with the different automatic methods included in an interlaboratory study were to acceptable compared with the results obtained using the manual testing method.



Tissue paper and tissue products —

Part 8:

Water-absorption time and water-absorption capacity, basket-immersion test method

1 Scope

This part of ISO 12625 specifies a basket-immersion test method for the determination of water-absorption time and water-absorption capacity of tissue paper and tissue products.

It is expressly stated that the detection of impurities and contraries in tissue paper and tissue products be applied according to ISO 15755.

For the determination of moisture content in tissue paper and tissue products, ISO 287 is applicable.

2 Normative references

The following referenced documents are indimensable 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. \mathbf{n}

ISO 186, Paper and board — Sampling to determine average quality

for conditioning and testing and procedure for ISO 187, Paper, board and pulps - Standard atmosp monitoring the atmosphere and conditioning of samples retated

ISO 14487, Pulps — Standard water for physical testing

3 Terms and definitions

For the purposes of this document, the following terms and definitions app The second secon

3.1

absorption time

time required for complete wetting of a sample

3.2

water-absorption capacity

mass of water that is absorbed per unit mass of the test piece under specified conditions

Principle 4

A test piece of the tissue paper or a tissue product is placed in a cylindrical basket and allowed to immerse in water under its own weight.

The time required for complete wetting of the test piece is measured, the mass of water absorbed then being determined after a stated immersion time followed by a given draining time, under specified conditions.