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**Tissue paper and tissue products —**  
**Part 6:**  
**Determination of grammage**

*Papier-tissu et produits en tissu —*

*Partie 6: Détermination du grammage*



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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.

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 12625-6 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 first edition cancels and replaces EN 12625-6:1999 which has been technically revised.

With regard to EN 12625-6:1999, the following changes have been made:

- a) a more precise description of the preparation of the test piece, cutting of the test piece, dimensions and number of the test pieces were given;
- b) a more precise description of the test procedure was given;
- c) a calculation was added;
- d) Clause 11 **Precision** was added;
- e) 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 and apparent bulk density*
- *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*
- *Part 8: Water absorption time and residual water absorption capacity, manual and automated basket immersion test method*
- *Part 9: Determination of ball burst strength*

# Tissue paper and tissue products —

## Part 6: Determination of grammage

### 1 Scope

This part of ISO 12625 specifies a test method for the determination of grammage of tissue paper and tissue products. Grammage may be measured by determining the mass of a test piece or test pieces of tissue paper or tissue products cut to specified dimensions, or by determining the mass and area of a specified number of units of finished tissue products.

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

For the determination of moisture content in tissue paper and tissue products, ISO 287 should be applied.

### 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 186, *Paper and board — Sampling to determine average quality*

ISO 187, *Paper, board and pulps — Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples*

ISO 536, *Paper and board — Determination of grammage*

### 3 Terms and definitions

For the purposes of this document, the following term and definition apply.

#### 3.1 grammage

*g*

mass of a unit area of tissue paper or tissue product as determined by the procedure in this part of ISO 12625

NOTE Grammage is expressed in grams per square metre (g/m<sup>2</sup>) according to ISO 536.