

**PABER JA PAPP. PROOVIVÕTMINE KESKMISE
KVALITEEDI MÄÄRAMISEKS**

**Paper and board - Sampling to determine average
quality**

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

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EUROPEAN STANDARD

EN ISO 186

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Descriptors: see ISO document

English version

**Paper and board - Sampling to determine average
quality (ISO 186:1994)**

Papier et carton - Echantillonnage pour
déterminer la qualité moyenne (ISO 186:1994)

Papier und Pappe - Probenahme zur Bestimmung
der Durchschnittsqualität (ISO 186:1994)

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CEN

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

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Foreword

The text of the International Standard from Technical Committee ISO/TC 6 "Paper, boards and pulps" of the International Organization for Standardization (ISO) has been taken over as a European Standard 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of an identical text or by endorsement, at the latest by July 1996, and conflicting national standards shall be withdrawn at the latest by July 1996.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 186:1994 has been approved by CEN as a European Standard without any modification.

Paper and board — Sampling to determine average quality

1 Scope

This International Standard specifies a method of obtaining a representative sample from a lot of paper or board for testing to determine whether or not its average quality complies with set specifications including solid and corrugated fibreboard (see ISO 4046).

For some tests, special methods of sampling may be necessary; these will be given in the International Standard for the appropriate method of test.

NOTE 1 If less than 50 % of the lot is available for sampling, then sampling will be invalid in the absence of agreement to the contrary.

This method is unsuitable for determining the variability within a lot.

NOTES

2 Information on sampling for other purposes is given in ISO 2859-1:1989, *Sampling procedures for inspection by attributes — Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection*, ISO 2859-2:1985, *Sampling procedures for inspection by attributes — Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection*, ISO 2859-3:1991, *Sampling procedures for inspection by attributes — Part 3: Skip-lot sampling procedures*, and ISO 3951:1989, *Sampling procedures and charts for inspection by variables for percent nonconforming*.

3 Information on the preparation of test pieces is given in the appropriate standard test methods.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions

of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 4046:1978, *Paper, board, pulp and related terms — Vocabulary*.

3 Definitions

For the purposes of this International Standard, the following definitions apply.

3.1 lot: The aggregate of paper or board of a single kind of specified characteristics produced under conditions that are presumed uniform, and available for sampling at one time.

A lot comprises one or more nominally identical units. Where the material to be tested has already been incorporated into a manufactured article (for example a packing case), the lot is the aggregate of such articles of a single kind, of specified characteristics. (See figure 1.)

3.2 unit: A component of a lot which may be in the form of a reel, a bale, a bundle, a parcel, the contents of a packing case, a pallet load, etc. (See figure 1.)

3.3 sheet: The area of paper or board taken from the selected units. (See figure 1.)

3.4 specimen: An area of paper or board cut to given dimensions, from the sheets (or manufactured articles). (See figure 1.)