

Tekstiil. Lõng pakmelt. Joontiheduse (massi pikkusühiku kohta) määramine vihimeetodiga

Textiles - Yarn from packages - Determination of linear density (mass per unit length) by the skein method

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 2060:2000 sisaldab Euroopa standardi EN ISO 2060:1995 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 2060:2000 consists of the English text of the European standard EN ISO 2060:1995.</p> <p>This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>See standard määrab kindlaks meetodi kõigi pakendatud lõngade tüüpide joontiheduse määramiseks, välja arvatud lõng, mille kohta on eraldi rahvusvahelised standardid. Standard hõlmab seitset võimalikku menetlust, mis baseeruvad konditsioneerimise eri meetoditel. Kuni eri menetlused ei anna samu väärtusi, on tähtis, et kasutatava menetlusega oleksid nõus kõik katsetulemustest huvitatud pooled.</p>	<p>Scope:</p>
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ICS 59.080.20

Võtmesõnad: joontihedus, katsed, lõngad, määramine, tekstiil, tekstiiltooted, tiheduse määramine

ICS 59.080.20

Descriptors: Yarn, testing, linear density.

English version

Textiles

Yarn from packages

**Determination of linear density (mass per unit length) by the skein method
(ISO 2060:1994)**

Textiles; fils sur enroulements; détermination de la masse linéique (mass par unité de longueur) par la méthode de l'écheveau (ISO 2060:1994)

Textilien; Garne von Aufmachungseinheiten; Bestimmung der Feinheit (Masse je Längeneinheit) durch Strangverfahren (ISO 2060:1994)

This European Standard was approved by CEN on 1994-12-12 and is identical to the ISO Standard as referred to.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

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Foreword

International Standard

ISO 2060:1994 Textiles; yarn from packages; determination of linear density (mass per unit length) by the skein method which was prepared by ISO/TC 38 'Textiles' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 248 as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by August 1995 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, 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 United Kingdom.

Endorsement notice

The text of the International Standard ISO 2060:1994 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

1 Scope

This International Standard specifies a method for the determination of the linear density of all types of yarn in package form, with the exception of any yarn that may be the subject of a separate International Standard¹⁾.

It includes seven optional procedures based on different methods of conditioning and preparation (see 4.1 and 4.2). Since the different procedures do not give the same values, it is essential that the procedure used is agreed by all parties interested in the test results.

While this method is designed solely for the determination of mass per unit length of yarn, it is frequently desirable to combine this determination with tests for strength and/or tests for commercial mass. If, in such a case, skein lengths other than those specified are used, the length used, and any special corrections based on it, are subject to agreement between the interested parties.

This method is applicable to

- a) single yarns (spun, monofilament or multifilament);
- b) folded (plied) yarns;
- c) cabled yarns.

It is not applicable, except by agreement, to yarns which stretch more than 0,5 % when the tension, in

centinewtons, per unit linear density of yarn, in tex, increases from 0,5 to 1,0. Such yarns may be tested under special conditions if they are accepted by all the parties interested in the test results.

The method is not applicable to yarns having a linear density greater than 2 000 tex. For such yarns, other skein lengths and special conditions of reeling may be adopted by agreement of the interested parties.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were 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 editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 139:1973, *Textiles — Standard atmospheres for conditioning and testing*.

ISO 1139:1973, *Textiles — Designation of yarns*.

ISO 1144:1973, *Textiles — Universal system for designating linear density (Tex System)*.

ISO 1833:1977 and ISO 1833:1977/Amd.1:1980, *Textiles — Binary fibre mixtures — Quantitative chemical analysis*.

1) See also ISO 1889:1987, *Textile glass — Continuous filament yarns, staple fibre yarns, textured yarns and rovings (packages) — Determination of linear density* and ISO 10120:1991, *Carbon fibre — Determination of linear density*, which were prepared specially for the needs of textile glass technologies.