

Textiles - Monofilaments - Determination of linear density

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13392:2001 sisaldab Euroopa standardi EN 13392:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.11.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13392:2001 consists of the English text of the European standard EN 13392:2001.</p> <p>This document is endorsed on 16.11.2001 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: This European Standard specifies a method for the determination of linear density of monofilaments and gives the method of calculation of the nominal linear density of round monofilaments.</p>	<p>Scope: This European Standard specifies a method for the determination of linear density of monofilaments and gives the method of calculation of the nominal linear density of round monofilaments.</p>
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Võtmesõnad: filaments, fineness, man-made fibres, mass, materials testing, mathematical calculations, measuring equipment, monofilament yarns, sampling, sampling methods, testing, textile fibres, textile products, textiles, weight, weights, yarn, yarn count

ICS 59.060.20

English version

Textiles - Monofilaments - Determination of linear density

Textiles - Monofilaments - Détermination de la masse
linéique

Textilien - Monofilamente - Bestimmung der Feinheit

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by September 2001, and conflicting national standards shall be withdrawn at the latest by September 2001.

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

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1 Scope

This European Standard specifies a method for the determination of linear density of monofilaments and gives the method of calculation of the nominal linear density of round monofilaments (see annex A).

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 20139 Textiles - Standard atmospheres for conditioning and testing (ISO 139 :1973).

3 Terms and definitions

For the purposes of this standard, the following terms and definitions apply.

3.1

monofilament

yarn made with only one filament

3.2

linear density

mass per unit length of a monofilament expressed in tex or its multiples or submultiples

NOTE 1 tex = 1 g/1000 m.

3.3

tension

a force applied to a test specimen during a test

3.4

nominal diameter

cross dimension of round monofilament and expressed in millimetres

3.5

package

the method of presentation of the monofilament, e.g. spool, tube, cone, etc

4 Principle

Test specimens of suitable length are prepared according to the diameter of the monofilament, conditioned and weighed.

The linear density is calculated from the length and mass of the test specimens and expressed in decitex.