

Sarrustooted. Niiskussisalduse määramine

Reinforcement products - Determination of moisture content

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 3344:2000 sisaldab Euroopa standardi EN ISO 3344:1997 ingliskeelset teksti. Käesolev dokument on jõustatud 20.03.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN ISO 3344:2000 consists of the English text of the European standard EN ISO 3344:1997. This document is endorsed on 20.03.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: Käesolev standard määrab kindlaks meetodi sarrusetoodete niiskusesisalduse määramiseks. Sellisteks sarrusetoodeteks on elementaarniididest kompleksniidid, heided, lõplikult töödeldud niidiköisikud, põimitud niidid, kangad ning klaastekstiilist, süsinikkiudainest või aramiidkiust valmistatud sarruse muud vormid.	Scope:
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ICS 59.100.01

Võtmesõnad: aramiidkiud, heided, kangad, klaastekstiilkiud, niidiköisikud, niiskus, plastid, punutud niidid, sarrus (struktuurid), sarrusematerjalid, sarrusplastid, sisalduse määramine, süsinikkiudained, testimine

ICS 83.120

Descriptors: Plastics, reinforcing materials, moisture content, testing.

English version

Reinforcement products
Determination of moisture content
(ISO 3344:1997)

Produits de renfort - Détermination du taux
d'humidité (ISO 3344:1997)

Verstärkungserzeugnisse - Bestimmung
des Feuchtegehaltes (ISO 3344:1997)

This European Standard was approved by CEN on 1997-05-10.

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.

The European Standards exist 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.

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CEN

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

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 3344:1997 Reinforcement products – Determination of moisture content, which was prepared by ISO/TC 61 'Plastics' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 249 'Plastics', the Secretariat of which is held by IBN, 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 November 1997 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 3344:1997 was approved by CEN as a European Standard without any modification.

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1 Scope

This International Standard specifies a method for the determination of the moisture content of reinforcement products, such as continuous-filament yarn, staple-fibre yarn, rovings, chopped strands, mats, fabrics and other forms of reinforcement made from textile glass, carbon or aramid fibres.

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 291:—¹⁾, *Plastics — Standard atmospheres for conditioning and testing*.

3 Definition

For the purposes of this International Standard, the following definition applies:

3.1 moisture content: The mass of water contained in a product, determined by a specified method and expressed as a percentage of the mass of the moist product.

4 Principle

A test specimen is weighed at ambient temperature, before and after drying at a temperature of 105 °C.

5 Apparatus

5.1 Forced-circulation oven, with an air-change rate of 20 to 50 times per hour and capable of maintaining a temperature of 105 °C $\pm$ 3 °C or the chosen temperature to within $\pm$ 3 °C (see clause 4).

5.2 Desiccator, containing a suitable drying agent (for example silica gel, calcium chloride or phosphorus pentoxide).

5.3 Specimen holder, made of heat-resistant material, allowing the maximum air flow round the specimen and from which there is no loss of material. This may be a porcelain crucible, an unoxidisable metal wire basket, etc.

NOTE — One holder may be used to hold several specimens if they can be transferred from the holder to the oven without loss of material.

1) To be published. (Revision of ISO 291:1977)