Plastid. Standardsed keskkonnatingimused konditsioneerimiseks ja katsetamiseks

Spt. Plastics - Standard atmospheres for conditioning and testing



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 291:2008 sisaldab Euroopa standardi EN ISO 291:2008 ingliskeelset teksti.

This Estonian standard EVS-EN ISO 291:2008 consists of the English text of the European standard EN ISO 291:2008.

Standard on kinnitatud Eesti Standardikeskuse 20.06.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

This standard is ratified with the order of Estonian Centre for Standardisation dated 20.06.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 07.05.2008.

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Standard on kättesaadav Eesti standardiorganisatsioonist.

The standard is available from Estonian standardisation organisation.

ICS 83.080.01

Võtmesõnad: ilmastikukindluse testimine tehistingimustes, kontrollitud keskkonnad, plastid, standardne keskkond, testimine, testimiskeskkonnad, testimistingimused

Standardite reprodutseerimis- ja levitamisõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

EUROPEAN STANDARD NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Plastics - Standard atmospheres for conditioning and testing (ISO 291:2008)

Plastiques - Atmosphères normales de conditionnement et d'essai (ISO 291:2008)

Kunststoffe - Normalklimate für Konditionierung und Prüfung (ISO 291:2008)

This European Standard was approved by CEN on 21 April 2008.

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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 CEN Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN ISO 291:2008) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by NBN.

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 November 2008, and conflicting national standards shall be withdrawn at the latest by November 2008.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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

Endorsement notice

The text of ISO 291:2008 has been approved by CEN as a EN ISO 291:2008 without any modification.

ntents	Page
Scope	1
Normative references	
Procedure	3
nex A (normative) Attainment of moisture equilibrium by plastics in a con-	•
nex B (informative) Background information	6
liography	8
e	word

Plastics — Standard atmospheres for conditioning and testing

1 Scope

This International Standard sets out specifications relating to the conditioning and testing of all plastics and all types of test specimen at constant atmospheric conditions.

Special atmospheres applicable to a particular test or material or simulating a particular climatic environment are not included in this International Standard.

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 62, Plastics — Determination of water absorption

3 Terms and definitions

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

3.1

standard atmosphere

preferred constant atmosphere for which specific air temperature and humidity values, as well as limit ranges for atmospheric pressure and air-circulation velocity, are specified, the air not having any significant additional constituents and the atmosphere not being subject to any significant additional radiation influences

NOTE 1 Standard atmospheres permit a defined state to be attained and maintained for samples or specimens.

NOTE 2 Standard atmospheres correspond to the average atmospheric conditions in laboratories and can be established in conditioning (controlled atmosphere) cabinets, chambers or rooms.

3.2

conditioning atmosphere

constant atmosphere in which a sample or test specimen is kept before being subjected to a test

3.3

test atmosphere

constant atmosphere to which a sample or test specimen is exposed throughout a test

3.4

conditioning

one or more operations intended to bring a sample or test specimen into a state of equilibrium with regard to temperature and humidity

3.5

conditioning procedure

combination of the conditioning atmosphere and the period of conditioning