

**Plastid. Üldotstarbelised
vinüülkloriidhomopolümeer- ja
vinüülkloriidkopolümeervaigud.
Plastifikaatorist tingitud absorptsiooni
määramine toatemperatuuril**

Plastics - Homopolymer and copolymer resins of
vinyl chloride for general use - Determination of
plasticizer absorption at room temperature

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 4608:2000 sisaldab Euroopa standardi EN ISO 4608:1998 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 4608:2000 consists of the English text of the European standard EN ISO 4608:1998. 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 plastifikaatorist tingitud absorptsiooni määramiseks toatemperatuuril. Standard kehtib üldotstarbeliste PVC-vaikude kohta ja täiteainega vaikude kohta (tähistatud "G" ja "F" standardis ISO 1060/1, Plastid. Vinüülkloriidhomopolümeer- ja vinüülkloriidkopolümeervaigud. Osa 1: Tähistussüsteem ja tehniliste andmete alused).	Scope:
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ICS 83.080.20

Võtmesõnad: määramine, plastid, plastifikaatorist tingitud absorptsioon, polüvinüülkloriid, testimine, vinüülvaigud

ICS 83.080.20

Descriptors: Plastics, resins, plasticizer absorption, testing.

English version

Plastics

**Homopolymer and copolymer resins of vinyl chloride
for general use**

Determination of plasticizer absorption at room temperature
(ISO 4608 : 1998)

Plastiques – Résines d'homopolymères et copolymères de chlorure de vinyle à usages généraux – Détermination de la prise de plastifiant à température ambiante (ISO 4608 : 1998)

Kunststoffe – Vinylchlorid(VC)-Homopolymere und Copolymere für allgemeine Anwendungen – Bestimmung der Weichmacheraufnahme bei Raumtemperatur (ISO 4608 : 1998)

This European Standard was approved by CEN on 1998-04-09.

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.

CEN members are the national standards bodies of 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.

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 4608 : 1998 Plastics – Homopolymer and copolymer resins of vinyl chloride for general use – Determination of plasticizer absorption at room temperature,

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 1998 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 4608 : 1998 was approved by CEN as a European Standard without any modification.

1 Scope

This International Standard specifies a method for determining plasticizer absorption at room temperature. It is applicable to PVC general-purpose resins and filler resins (designated "G" and "F" in ISO 1060-1:1998, *Plastics — Homopolymer and copolymer resins of vinyl chloride — Part 1: Designation system and basis for specifications*).

The object of the test is to determine the quantity of plasticizer absorbed by a resin at room temperature to give a dry mixture.

The results give a general indication of the plasticizer absorption of a resin at room temperature. They indicate the usefulness of resins for the manufacture of plasticized dry blends, particularly when taken in conjunction with the results of plasticizer absorption tests under hot conditions.

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 1385-1:1977, *Phthalate esters for industrial use — Methods of test — Part 1: General*.

3 Principle

An excess of bis-(2-ethylhexyl) phthalate (DOP) is added to a specified amount of resin. The mixture is then centrifuged under defined conditions and the amount of plasticizer retained by the resin determined.

4 Apparatus and materials

Ordinary laboratory apparatus, plus the following:

4.1 Balance, capable of weighing to 0,1 mg.

4.2 Burette, for example 50 cm³, graduated at 0,1 cm³ intervals.