

Pigments and extenders - Testing of colouring materials in plasticized polyvinyl chloride (PVC-P) - Part 1: Composition and preparation of basic mixtures

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14469-1:2004 sisaldab Euroopa standardi EN 14469-1:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 23.09.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14469-1:2004 consists of the English text of the European standard EN 14469-1:2004.</p> <p>This document is endorsed on 23.09.2004 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 Part of EN 14469 specifies a procedure for producing basic mixtures for the testing of colouring materials¹⁾ in plasticized polyvinyl chloride (PVC-P) materials, together with the composition of these basic mixtures.</p>	<p>Scope: This Part of EN 14469 specifies a procedure for producing basic mixtures for the testing of colouring materials¹⁾ in plasticized polyvinyl chloride (PVC-P) materials, together with the composition of these basic mixtures.</p>
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Võtmesõnad: colouring materi, composition, determination, materials testing, methods of manufacture, pigments, plasticized polyvinyl chloride, plastics, polyvinyl chloride, production, properties, pvc-p, ratings, sampling, sampling methods, test equipment, test reports, testing

ICS 83.040.30

English version

**Pigments and extenders - Testing of colouring materials in
plasticized polyvinyl chloride (PVC-P) - Part 1: Composition and
preparation of basic mixtures**

Pigments et matières de charge - Essai des matières
colorantes dans le chlorure de polyvinyle plastifié (PVC-P) -
Partie 1: Composition et préparation des mélanges de base

Pigmente und Füllstoffe - Prüfung von Farbmitteln in
weichmacherhaltigem Polyvinylchlorid (PVC-P) - Teil 1:
Zusammensetzung und Herstellen der Grundmischungen

This European Standard was approved by CEN on 9 February 2004.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 14469-1:2004) has been prepared by Technical Committee CEN/TC 298 "Pigments and extenders", the secretariat of which is held by DIN.

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 2004, and conflicting national standards shall be withdrawn at the latest by November 2004.

Annex A is informative.

This document includes a Bibliography.

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

Introduction

In this standard percent (%) in relation to contents indicates percentage proportion by mass.

1 Scope

This Part of EN 14469 specifies a procedure for producing basic mixtures for the testing of colouring materials¹⁾ in plasticized polyvinyl chloride (PVC-P) materials, together with the composition of these basic mixtures.

It distinguishes between:

- basic mixture A (transparent basic mixture)
- basic mixture B (white basic mixture)

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 14469-2, *Pigments and extenders — Testing of colouring materials in plasticized polyvinyl chloride (PVC-P) — Part 2: Preparation of test specimens.*

EN ISO 489, *Plastics — Determination of refractive index (ISO 489:1999).*

EN ISO 591-1, *Titanium dioxide pigments for paints — Part 1: Specifications and methods of test (ISO 591-1:2000).*

EN ISO 1060-1, *Plastics — Homopolymer and copolymer resins of vinyl chloride — Part 1: Designation system and basis for specifications (ISO 1060-1:1998).*

EN ISO 1628-2, *Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers — Part 2: Poly(vinyl chloride) resins (ISO 1628-2:1998).*

EN ISO 2114, *Plastics (polyester resins) and paints and varnishes (binders) - Determination of partial acid value and total acid value (ISO 2114:2000).*

EN ISO 12185, *Crude petroleum and petroleum products — Determination of density — Oscillating U-tube method (ISO 12185:1996).*

ISO 6271, *Clear liquids — Estimation of colour by the platinum-cobalt scale.*

3 Constituents of the basic mixtures

3.1 General

The quality of all constituents of the basic mixtures prepared according to this standard shall be such that the samples produced from these basic mixtures as defined in EN 14469-2 are free from any inhomogeneity. All raw materials used shall meet the specified values. Their trade names shall be mentioned in the product specification.

1) For definition of colouring material, see EN 971-1.