

Liimid. Happearvu määramine

Adhesives - Determination of acid value

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1241:2000 sisaldab Euroopa standardi EN 1241:1998 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1241:2000 consists of the English text of the European standard EN 1241:1998.</p> <p>This document is endorsed on 11.01.2000 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: See standard määrab kindlaks liimide, liimi komponentide, nende põhimaterjalide ja nendega seotud toodete happearvu määramise meetodi. Mõnel juhul, eriti kui on esindatud küllastamata polüestrid koos vabade anhüdriididega, on see mittemääratavate lahustuvate happeestrite tekkimise tõttu mõnevõrra madalam kui teoreetiliselt leitud happearv.</p>	<p>Scope:</p>
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ICS 83.180

Võtmesõnad: happearv, happesus, keemilised katsed, kindlaksmääramine, komponendid, liimid, menetlus

ICS 83.180

Descriptors: Adhesives, acid value, testing.

English version

Adhesives

Determination of acid value

Adhésifs – Détermination de l'indice
d'acidité

Klebstoffe – Bestimmung der
Säurezahl

This European Standard was approved by CEN on 1998-01-02.

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

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 193 "Adhesives", the secretariat of which is held by AENOR.

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 August 1998, and conflicting national standards shall be withdrawn at the latest by August 1998.

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.

1 Scope

This standard specifies a method for determination of the acid value of adhesives, adhesive components, their basic constituents, and related products.

In some cases, notably when unsaturated polyesters with free anhydrides are present, somewhat lower than theoretical acid values are found, due to the formation of acid esters which precipitate and, are therefore, not determined.

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.

EN 923	Adhesives - Terms and definitions
EN 1066	Adhesives - Sampling
EN 1067	Adhesives - Examination and preparation of samples for testing
ISO 385-1	Laboratory glassware - Burettes - Part 1: General requirements
ISO 648	Laboratory glassware - One-mark pipettes
ISO 1042	Laboratory glassware - One-mark volumetric flasks

3 Definition

For the purposes of this standard, the definitions in accordance with EN 923 and the following definition apply:

acid value: The number of milligrams of potassium hydroxide (KOH) required to neutralize 1 g of the test product under the test conditions.

4 Principle

A weighed quantity of product is dissolved in a mixture of solvents and the product titrated with a standardized ethanolic solution of potassium hydroxide using a suitable indicator.