



SLOVENSKI STANDARD SIST EN ISO 6427:2014

01-julij-2014

Nadomešča:
SIST EN ISO 6427:2000

Polimerni materiali - Določevanje snovi, ki se izločijo z ekstrakcijo z organskimi topili (klasične metode) (ISO 6427:2013)

Plastics - Determination of matter extractable by organic solvents (conventional methods) (ISO 6427:2013)

Kunststoffe - Bestimmung der extrahierbaren Bestandteile durch organische Lösemittel (Standardverfahren) (ISO 6427:2013)

Plastiques - Détermination des matières extractibles par des solvants organiques (Méthodes conventionnelles) (ISO 6427:2013)

Ta slovenski standard je istoveten z: EN ISO 6427:2014

ICS:

83.080.01	Polimerni materiali na splošno	Plastics in general
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SIST EN ISO 6427:2014

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 6427

June 2014

ICS 83.080.01

English Version

Plastics - Determination of matter extractable by organic solvents (conventional methods) (ISO 6427:2013)

Plastiques - Détermination des matières extractibles par des solvants organiques (Méthodes conventionnelles) (ISO 6427:2013)

Kunststoffe - Bestimmung der extrahierbaren Bestandteile durch organische Lösemittel (Standardverfahren) (ISO 6427:2013)

This European Standard was approved by CEN on 29 May 2014.

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

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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

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Foreword

The text of ISO 6427:2013 has been prepared by Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 6427:2014 by 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 December 2014, and conflicting national standards shall be withdrawn at the latest by December 2014.

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.

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 6427:2013 has been approved by CEN as EN ISO 6427:2014 without any modification.

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INTERNATIONAL
STANDARD

ISO
6427

Third edition
2013-02-01

**Plastics — Determination of matter
extractable by organic solvents
(conventional methods)**

*Plastiques — Détermination des matières extractibles par des
solvants organiques (Méthodes conventionnelles)*

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ISO 6427:2013(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 6427 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*.

This third edition cancels and replaces the second edition (ISO 6427:1992), of which it constitutes a minor revision, the main purpose of which was to delete the second sentence in (subclause) 5.1. In addition, the minimum density for which the method is suitable for PE has been indicated directly in footnote "e" to [Table 1](#), rather than referring the reader to ISO 1872-1[4] and what was [Table 1](#) in the 1992 edition has been split into two tables for ease of comprehension.

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Introduction

There are several very similar national and international standards for determination of the percentage of extractable matter, with only slight differences in the procedures. To facilitate the work of the laboratory staff which has to carry out these determinations on various plastics products, the generally applicable methods are described in this International Standard.

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