



SLOVENSKI STANDARD SIST EN ISO 14530-1:2000

01-december-2000

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Plastics - Unsaturated-polyester powder moulding compounds (UP-PMCs) - Part 1: Designation system and basis for specifications (ISO 14530-1:1999)

Kunststoffe - Rieselfähige ungesättigte Polyester-Formmassen (UP-PMC) - Teil 1: Bezeichnungssystem und Basis für Spezifikationen (ISO 14530-1:1999)

Plastiques - Poudres a mouler a base de polyester non saturé (UP-PMC) - Partie 1: Systeme de désignation et base de spécification (ISO 14530-1:1999)

Ta slovenski standard je istoveten z: EN ISO 14530-1:1999

ICS:

83.080.10 Duromeri Thermosetting materials

SIST EN ISO 14530-1:2000 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14530-1

November 1999

ICS 83.080.10

English version

Plastics - Unsaturated-polyester powder moulding compounds
(UP-PMCs) - Part 1: Designation system and basis for
specifications (ISO 14530-1:1999)

Plastiques - Poudres à mouler à base de polyester non
saturé (UP-PMC) - Partie 1: Système de désignation et
base de spécification (ISO 14530-1:1999)

This European Standard was approved by CEN on 13 October 1999.

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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard ISO 14530-1:1999 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 IBN.

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 May 2000, and conflicting national standards shall be withdrawn at the latest by May 2000.

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.

NOTE FROM CEN/CS: The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

Endorsement notice

The text of the International Standard ISO 14530-1:1999 was approved by CEN as a European Standard without any modification.

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SIST EN ISO 14530-1:2000
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INTERNATIONAL
STANDARD

ISO
14530-1

First edition
1999-11-15

**Plastics — Unsaturated-polyester powder
moulding compounds (UP-PMCs) —**

**Part 1:
Designation system and basis for
specifications**

iTeh **STANDARD PREVIEW**

*Plastiques — Poudres à mouler à base de polyester non saturé
(UP-PMC)*

Partie 1: Système de désignation et base de spécification

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Reference number
ISO 14530-1:1999(E)

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Printed in Switzerland

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 3.

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 part of ISO 14530 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 14530-1 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 12, *Thermosetting materials*.

ISO 14530 consists of the following parts, under the general title *Plastics — Unsaturated-polyester powder moulding compounds (UP-PMCs)*:

- Part 1: Designation system and basis for specifications
- Part 2: Preparation of test specimens and determination of properties
- Part 3: Requirements for selected moulding compounds

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Plastics — Unsaturated-polyester powder moulding compounds (UP-PMCs) —

Part 1: Designation system and basis for specifications

1 Scope

1.1 This part of ISO 14530 establishes a data block system for the designation of unsaturated-polyester powder moulding compounds (UP-PMCs).

1.2 The various types of UP-PMC are differentiated from each other by a classification system based on information about the filler/reinforcement type and content, the intended method of processing, any special properties and those of the special properties used specifically for designation purposes (designatory properties).

1.3 This part of ISO 14530 is applicable to all UP-PMCs ready for normal use in the form of powder, granules or ground material.

1.4 It is not intended to imply that materials having the same designation necessarily give the same performance. This part of ISO 14530 does not provide engineering data, performance data or data on processing conditions which may be required to specify a material for a particular application and/or method of processing. If such additional properties are required, they shall be determined in accordance with the test methods specified in ISO 14530-2, if suitable.

1.5 Whenever general requirement data, as covered by ISO 14530-3, need to be indicated, this is also done using this data block system.

1.6 To ensure that code-letters and code-numbers remain unambiguous, and to avoid conflicts within the system, any new code-letters or code-numbers for use in data block 1, 2 or 3 shall be approved before use by the secretariats of ISO/TC 61/SC 1, SC 12 and SC 13.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 14530. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 14530 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 75-2:1993, *Plastics — Determination of temperature of deflection under load — Part 2: Plastics and ebonite.*

ISO 179-1:—¹⁾, *Plastics — Determination of Charpy impact properties — Part 1: Non-instrumented impact test.*

1) To be published. (Revision of ISO 179:1993)