



SLOVENSKI STANDARD
SIST EN ISO 14528-1:2000
01-december-2000

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Plastics - Melamine-formaldehyde powder moulding compounds (MF-PMCs) - Part 1:
Designation system and basis for specifications (ISO 14528-1:1999)

Kunststoffe - Rieselfähige Melamin-Formaldehyd-Formmassen (MF-PMC) - Teil 1:
Bezeichnungssystem und Basis für Spezifikationen (ISO 14528-1:1999)

Plastiques - Poudres a mouler a base de mélamine-formaldéhyde (MF-PMC) - Partie 1:
Systeme de désignation et base de spécification (ISO 7208:1999)

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Ta slovenski standard je istoveten z: EN ISO 14528-1:1999

ICS:

83.080.10 Duromeri Thermosetting materials

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14528-1

November 1999

ICS 83.080.10

English version

Plastics - Melamine-formaldehyde powder moulding compounds
(MF-PMCs) - Part 1: Designation system and basis for
specifications (ISO 14528-1:1999)

Plastiques - Poudres à mouler à base de mélamine-
formaldéhyde (MF-PMC) - Partie 1: Système de
désignation et base de spécification (ISO 14528-1:1999)

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 14528-1:1999 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 14528-1:1999 was approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD

ISO
14528-1

First edition
1999-11-15

Plastics — Melamine-formaldehyde powder moulding compounds (MF-PMCs) —

Part 1: Designation system and basis for specifications

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*Plastiques — Poudres à mouler à base de mélamine-formaldéhyde
(MF-PMC) —*

Partie 1: Système de désignation et base de spécification

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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 14528 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 14528-1 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 12, *Thermosetting materials*.

After a transition period of, at the most, four years, the three parts of ISO 14528 (see below), together with the three parts of ISO 14527, will replace ISO 2112:1990, of which they constitute a technical revision.

ISO 14528 consists of the following parts, under the general title *Plastics — Melamine-formaldehyde powder moulding compounds (MF-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 — Melamine-formaldehyde powder moulding compounds (MF-PMCs) —

Part 1: Designation system and basis for specifications

1 Scope

1.1 This part of ISO 14528 establishes a data block system for the designation of melamine-formaldehyde powder moulding compounds (MF-PMCs).

1.2 The various types of MF-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 14528 is applicable to all MF-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 14528 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 14528-2, if suitable.

1.5 Whenever general requirement data, as covered by ISO 14528-3, 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 14528. 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 14528 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)