



**SLOVENSKI STANDARD**  
**SIST EN ISO 14233:2003**  
**01-september-2003**

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**Dentistry - Polymer-based die materials (ISO 14233:2003)**

Dentistry - Polymer-based die materials (ISO 14233:2003)

Zahnheilkunde - Kunststoffe für Modellstümpfe (ISO 14233:2003)

Art dentaire - Produits a base de polymere pour matrices (ISO 14233:2003)

**Ta slovenski standard je istoveten z: EN ISO 14233:2003**

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**ICS:**

11.060.10 Z[ à[ c @ ã } ã æ | ã ã Dental materials

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 14233**

March 2003

ICS 11.060.10

English version

## Dentistry - Polymer-based die materials (ISO 14233:2003)

Art dentaire - Produits à base de polymère pour matrices  
(ISO 14233:2003)

Zahnheilkunde - Kunststoffe für Modellstümpfe (ISO  
14233:2003)

This European Standard was approved by CEN on 21 February 2003.

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 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 Management Centre 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

## EN ISO 14233:2003 (E)

<b>CORRECTED 2003-07-16</b>
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**Foreword**

This document (EN ISO 14233:2003) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry", 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 September 2003, and conflicting national standards shall be withdrawn at the latest by September 2003.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

**Endorsement notice**

The text of ISO 14233:2003 has been approved by CEN as EN ISO 14233:2003 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

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## Annex ZA (normative)

### Normative references to international publications with their relevant European publications

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).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 4823	2000	Dentistry – Elastomeric impression materials	EN ISO 4823	2000
ISO 6507-1	1997	Metallic materials – Vickers hardness test – Part 1: Test method	EN ISO 6507-1	1997
ISO 8601	1988	Data elements and interchange formats – Information interchange – Representation of dates and times	EN 28601	1992

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**Dentistry — Polymer-based die materials**

*Art dentaire — Produits à base de polymère pour matrices*

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**ISO 14233:2003(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 14233 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 2, *Prosthetic materials*.

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## Introduction

Polymer-based die materials are not covered by ISO 6873<sup>[1]</sup>, which describes only gypsum-based die materials. Hence the need for this International Standard, whose requirements have been designed to delineate satisfactory polymer-based die materials and exclude unsatisfactory ones. It is anticipated that both manufacturer and user can apply this International Standard as a basis for producing or obtaining satisfactory products and results.

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