



SLOVENSKI STANDARD SIST EN ISO 15854:2005

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Nadomešča:

SIST EN ISO 12163:2001

SIST EN ISO 1567:2001

Zobozdravstvo - Voski za odlitke in podstavke (ISO 15854:2005)

Dentistry - Casting and baseplate waxes (ISO 15854:2005)

Zahnheilkunde - Guss- und Basisplattenwachse (ISO 15854:2005)

Art dentaire - Cires pour coulée et pour plaque de base (ISO 15854:2005)

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 15854

July 2005

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Supersedes EN ISO 12163:2000, EN ISO 1567:2000

English Version

Dentistry - Casting and baseplate waxes (ISO 15854:2005)

Art dentaire - Cires pour coulée et pour plaque de base
(ISO 15854:2005)

Zahnheilkunde - Guss- und Basisplattenwachse (ISO
15854:2005)

This European Standard was approved by CEN on 1 July 2005.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN ISO 15854:2005 (E)**Foreword**

This document (EN ISO 15854:2005) 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of an identical text or by endorsement, at the latest by January 2006, and conflicting national standards shall be withdrawn at the latest by January 2006.

This document supersedes EN ISO 12163:2000 and EN ISO 1567:2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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INTERNATIONAL
STANDARD

ISO
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First edition
2005-07-15

Dentistry — Casting and baseplate waxes

Art dentaire — Cires pour coulée et pour plaque de base

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ISO 15854:2005(E)

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ISO 15854:2005(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 15854 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 2, *Prosthetic materials*.

This first edition cancels and replaces ISO 1561:1995 and ISO 12163:1999, which have been technically revised.

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Introduction

This International Standard does not include specific and quantitative requirements for freedom from biological hazards. It is recommended that, in assessing possible biological or toxicological hazards, reference be made to ISO 7405 and ISO 10993-1 (see Bibliography).

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Dentistry — Casting and baseplate waxes

1 Scope

This International Standard is applicable to dental casting wax and to dental baseplate wax. It specifies the classification of, and requirements for, dental casting wax and baseplate wax together with the test methods to be employed to determine compliance with these requirements.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1942-2, *Dental vocabulary — Part 2: Dental materials*

ISO 3336, *Dentistry — Synthetic polymer teeth*¹⁾

ISO 4824, *Dentistry — Ceramic denture teeth*¹⁾

ISO 6873, *Dental gypsum products* [SIST EN ISO 15854:2005](https://standards.iteh.ai/catalog/standards/sist/3d569e23-8a4b-4b54-9548-b90e967d18d8/sist-en-iso-15854-2005)
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ISO 8601, *Data elements and interchange formats — Information interchange — Representation of dates and times*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1942-2 and the following apply.

3.1

casting wax

mouldable material primarily for shaping patterns in the production of fixed cast restorations using the “lost-wax” procedure

3.2

baseplate wax

mouldable material primarily for shaping patterns that will be duplicated in denture base polymers, and for forming occlusion rims and other patterns

1) ISO 3336 and ISO 4824 are to be combined and revised as ISO 22112, *Dentistry — Artificial teeth for dental prostheses*.