



SLOVENSKI STANDARD SIST EN ISO 10477:2018

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Nadomešča:
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Zobozdravstvo - Polimerni materiali za prevleke in mostičke (ISO 10477:2018)

Dentistry - Polymer-based crown and veneering materials (ISO 10477:2018)

Zahnheilkunde - Kronen- und Verblendkunststoffe (ISO 10477:2018)

Médecine bucco-dentaire - Produits à base de polymères pour couronnes et facettes
(ISO 10477:2018)

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11.060.10 Zobotehnični materiali Dental materials

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EUROPEAN STANDARD

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Dentistry - Polymer-based crown and veneering materials (ISO 10477:2018)

Médecine bucco-dentaire - Produits à base de polymères pour couronnes et facettes (ISO 10477:2018)

Zahnheilkunde - Kronen- und Verblendkunststoffe (ISO 10477:2018)

This European Standard was approved by CEN on 13 May 2018.

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European foreword

This document (EN ISO 10477:2018) 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of an identical text or by endorsement, at the latest by January 2019, and conflicting national standards shall be withdrawn at the latest by January 2019.

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

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INTERNATIONAL
STANDARD

ISO
10477

Third edition
2018-06

**Dentistry — Polymer-based crown and
veneering materials**

*Médecine bucco-dentaire — Produits à base de polymères pour
couronnes et facettes*

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 2, *Prosthetic dental materials*.

This third edition cancels and replaces the second edition (ISO 10477:2004), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the limitation to anterior crowns has been deleted;
- the limitation to metal substructure has been deleted;
- the test for ambient light testing has been deleted.

ISO 10477:2018(E)**Introduction**

Specific qualitative and quantitative test methods for demonstrating freedom from unacceptable biological hazards are not included in this document, but it is recommended that, for the assessment of possible biological hazards, reference should be made to ISO 10993-1 and ISO 7405.

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