SLOVENSKI STANDARD
SIST EN ISO 10477:2020

01-december-2020

Nadomešča:
SIST EN ISO 10477:2018

Zobozdravstvo - Polimerni materiali za prevleke in mostičke (ISO 10477:2020)

Dentistry - Polymer-based crown and veneering materials (ISO 10477:2020)

Zahnheilkunde - Polymerbasierte Kronen- und Verblendwerkstoffe (ISO 10477:2020)

Médecine bucco-dentaire - Produits à base de polymères pour couronnes et facettes (ISO 10477:2020)

Ta slovenski standard je istoveten z: **EN ISO 10477:2020**

ICS:

11.060.10	Zobotehnični materiali	Dental materials

SIST EN ISO 10477:2020 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN ISO 10477:2018

English Version

Dentistry - Polymer-based crown and veneering materials (ISO 10477:2020)

Médecine bucco-dentaire - Produits à base de polymères pour couronnes et facettes (ISO 10477:2020)

Zahnheilkunde - Polymerbasierte Kronen- und Verblendwerkstoffe (ISO 10477:2020)

This European Standard was approved by CEN on 12 September 2020.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 10477:2020) 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of an identical text or by endorsement, at the latest by May 2021, and conflicting national standards shall be withdrawn at the latest by May 2021.

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.

This document supersedes EN ISO 10477:2018.

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The text of ISO 10477:2020 has been approved by CEN as EN ISO 10477:2020 without any modification.

INTERNATIONAL STANDARD

ISO 10477

Fourth edition
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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).

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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, *Prosthodontic materials*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 55, *Dentistry*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 10477:2018), which has been technically revised.

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

— missing exemption condition for opaque resin test specimens in line 6 of Table 1 has been added;

— required number of specimen in 7.8 (Shade consistency and colour stability) has been corrected;

— several editorial changes have been made to describe the procedures more precisely;

— appropriate intervals for the storage times described in the procedures have been added.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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.