SLOVENSKI STANDARD
SIST EN ISO 6877:2021

01-december-2021

Nadomešča:
SIST EN ISO 6877:2006

Zobozdravstvo - Endodontski materiali za polnitev koreninskih kanalov (obturacijo) (ISO 6877:2021)

Dentistry - Endodontic obturating materials (ISO 6877:2021)

Zahnheilkunde - Endodontische Obturationswerkstoffe (ISO 6877:2021)

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Médecine bucco-dentaire - Matériaux d'obturation endodontique(ISO 6877:2021)

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Ta slovenski standard je istoveten z: EN ISO 6877:2021

ICS:

11.060.10	Zobotehnični materiali	Dental materials

SIST EN ISO 6877:2021 **en**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 6877

September 2021

ICS 11.060.10

Supersedes EN ISO 6877:2006

English Version

Dentistry - Endodontic obturating materials (ISO 6877:2021)

Médecine bucco-dentaire - Matériaux d'obturation endodontique(ISO 6877:2021)

Zahnheilkunde - Endodontische Obturationswerkstoffe (ISO 6877:2021)

This European Standard was approved by CEN on 7 August 2021.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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Ref. No. EN ISO 6877:2021 E

SIST EN ISO 6877:2021

Contents

Page

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN ISO 6877:2021
https://standards.iteh.ai/catalog/standards/sist/86b0cbc3-4a32-429f-b6ce-56b4da9812a4/sist-en-iso-6877-2021

SIST EN ISO 6877:2021

European foreword

This document (EN ISO 6877:2021) 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of an identical text or by endorsement, at the latest by March 2022, and conflicting national standards shall be withdrawn at the latest by March 2022.

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 6877:2006.

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SIST EN ISO 6877:2021

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SIST EN ISO 6877:2021
https://standards.iteh.ai/catalog/standards/sist/86b0cbc3-4a32-429f-b6ce-56b4da9812a4/sist-en-iso-6877-2021

SIST EN ISO 6877:2021

INTERNATIONAL STANDARD

ISO 6877

Third edition
2021-09

Dentistry — Endodontic obturating materials

Médecine bucco-dentaire — Matériaux d'obturation endodontique

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SIST EN ISO 6877:2021
https://standards.iteh.ai/catalog/standards/sist/86b0cbc3-4a32-429f-b6ce-56b4da9812a4/sist-en-iso-6877-2021

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SIST EN ISO 6877:2021
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SIST EN ISO 6877:2021

Contents

Page

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN ISO 6877:2021
https://standards.iteh.ai/catalog/standards/sist/86b0cbc3-4a32-429f-b6ce-56b4da981f2a4/sist-en-iso-6877-2021

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SIST EN ISO 6877:2021

Foreword

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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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This document was prepared by Technical Committee ISO/TC 106, *Dentistry,* Subcommittee SC 1, *Filling and Restorative 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).

SIST EN ISO 6877:2021
https://standards.iteh.ai/catalog/standards/sist/86d0cbc3-4a32-429f-b6ce-5cb4da9812a4/sist-en-iso-6877-2021

This third edition cancels and replaces the second edition (ISO 6877:2006), which has been technically revised.

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

— use of “endodontic” rather than “root canal” for the terminology;

— inclusion of points having a non-uniform taper;

— inclusion of thermoplastic materials not in the form of a point;

— standardization to the use of D, d_3 and d_{16} for measurements of endodontic points at the projection of the tip, 3 mm or 16 mm from the tip of a point;

— harmonization of D, d_3 and d_{16} with the ISO 3630 series;

— reconsidering tests methods;

— addition of ISO 13116 for test method for determining radiopacity of material as a normative reference;

— augmenting the packaging requirements for providing information;

— addition of an annex for measuring the melt-flow rate of thermoplastic materials that are not supplied in point form.

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.

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Introduction

The following information should be taken into account when using this document: specific qualitative and quantitative test methods for demonstrating freedom from unacceptable biological risks are not included in this document but it is recommended that, for the assessment of such biological risks, reference be made to ISO 7405 and ISO 10993-1. No performance limits are provided in this document for melt mass flow rate, but they might be added in the future.

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SIST EN ISO 6877:2021
https://standards.iteh.ai/catalog/standards/sist/86b0cbc3-4a32-429f-b6ce-56b4da9812a4/sist-en-iso-6877-2021

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