

STN	Stomatológia. Skúšobná metóda na stanovenie rádioopacity materiálov (ISO 13116: 2014).	STN EN ISO 13116 85 6374
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Dentistry - Test Method for Determining Radio-Opacity of Materials (ISO 13116:2014)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/15

Obsahuje: EN ISO 13116:2014, ISO 13116:2014

120674

ICS 11.060.10

English Version

Dentistry - Test Method for Determining Radio-Opacity of Materials (ISO 13116:2014)

Médecine bucco-dentaire - Méthodes de détermination de la radio opacité des matériaux (ISO 13116:2014)

Zahnheilkunde - Prüfverfahren zur Bestimmung der Röntgensichtbarkeit von Materialien (ISO 13116:2014)

This European Standard was approved by CEN on 6 September 2014.

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Foreword

This document (EN ISO 13116:2014) 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of an identical text or by endorsement, at the latest by May 2015, and conflicting national standards shall be withdrawn at the latest by May 2015.

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Endorsement notice

The text of ISO 13116:2014 has been approved by CEN as EN ISO 13116:2014 without any modification.

Dentistry — Test Method for Determining Radio-Opacity of Materials

*Médecine bucco-dentaire — Méthodes de détermination de la radio
opacité des matériaux*





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Published in Switzerland

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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.

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The committee responsible for this document is ISO/TC 106, *Dentistry*, Subcommittee SC 1, *Filling and restorative materials*.

Dentistry — Test Method for Determining Radio-Opacity of Materials

1 Scope

This International Standard specifies test methods for determination of radio-opacity of a test material by reference to a specimen of an aluminium standard. The method is designed to discriminate radio-opacity at a clinically meaningful level and is not designed to take account of factors which may affect precise, inherent values of radio-opacity such as background noise, X-ray beam power, grey scale correction and image enhancement. It is recognized that such factors can change the value of radio-opacity but not the relative ranking compared to standard thicknesses of an internal standard such as aluminium. This test may be performed with conventional or digital sensing techniques of dental X-ray apparatus.

2 Normative references

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

ISO 3665, *Photography — Intra-oral dental radiographic film and film packets — Manufacturer specifications*

ISO 1942, *Dentistry — Vocabulary*

ISO 8601, *Data elements and interchange formats — Information interchange — Representation of dates and times*

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