

INTERNATIONAL STANDARD

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12163

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Dental baseplate/modelling wax

Cires dentaires à modeler



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 3.

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.

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Introduction

This International Standard does not specify the requirements for safety from biological or toxicological hazards. It is however recommended that reference be made to ISO 7405 and ISO 10993-1 for assessing possible biological or toxicological hazards.

Dental baseplate/modelling wax

1 Scope

This International Standard specifies the classification of, and requirements for, dental baseplate/modelling wax consisting of natural and synthetic waxes used principally in the construction of dentures, together with the test methods to be employed to determine compliance with those requirements.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 1302, *Technical drawings — Method of indicating surface texture*.

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

ISO 3336:1993, *Dentistry — Synthetic resin teeth*.

ISO 4824:1993, *Dentistry — Ceramic denture teeth*.

ISO 6873:1998, *Dental gypsum products*.

3 Classification

Dental baseplate/modelling waxes are classified according to the flow characteristics that represent their hardness, as follows:

Type 1: Soft

Type 2: Hard

Type 3: Extra-hard

4 Requirements

4.1 Appearance

The sheet wax shall be uniform in colour and thickness, of smooth texture and free of foreign materials. Use visual inspection (6.1) to determine compliance with this requirement.