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Dentistry — Denture adhesives

Médecine bucco-dentaire — Adhésifs pour prothèses dentaires



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Contents

	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classification	2
4.1 General.....	2
4.2 Types and classes.....	2
5 Requirements	2
5.1 General.....	2
5.1.1 Biocompatibility.....	2
5.1.2 pH value.....	2
5.1.3 Microbiology.....	2
5.1.4 Stability.....	2
5.2 Specific requirements for Type 1 adhesives.....	2
5.2.1 Washability.....	2
5.2.2 Strength of the adhesion to the prosthesis.....	2
5.3 Specific requirements for Type 2 adhesives.....	3
5.3.1 Adhesion strength.....	3
5.3.2 Peeling property.....	3
5.3.3 Consistency.....	3
6 Sampling	3
7 Measurements and test methods	3
7.1 Test conditions.....	3
7.2 pH value measurement.....	3
7.2.1 Apparatus and material.....	3
7.2.2 Reagents.....	3
7.2.3 Procedure.....	4
7.3 Determination of stability — Aging procedure.....	4
7.4 Test of washability (for Type 1 adhesives).....	4
7.4.1 Apparatus and materials.....	4
7.4.2 Reagent.....	5
7.4.3 Procedure.....	5
7.5 Adhesion strength test I (for Type 1 adhesives).....	5
7.5.1 General.....	5
7.5.2 Apparatus.....	5
7.5.3 Procedure.....	7
7.6 Adhesion strength test II (for Type 1 adhesives).....	9
7.6.1 General.....	9
7.6.2 Apparatus.....	9
7.6.3 Procedure.....	9
7.7 Adhesion strength test (for Type 2 adhesives).....	10
7.7.1 Apparatus.....	10
7.7.2 Procedure.....	12
7.8 Peeling test (for Type 2 adhesives).....	12
7.8.1 Apparatus and materials.....	12
7.8.2 Reagent.....	13
7.8.3 Procedure.....	13
7.9 Consistency test (for Type 2 adhesives).....	13
7.9.1 Apparatus.....	13
7.9.2 Procedure.....	15
7.10 Assessment.....	15

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8	Packaging	16
9	Accompanying information	16
9.1	Information to be included in the instructions for use	16
9.2	Labelling on the package.....	17
	Bibliography	18

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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).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of 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 www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 7, *Oral care products*, 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 second edition cancels and replaces the first edition (ISO 10873:2010), which has been technically revised. The main changes compared to the previous edition are as follows:

- the powder/water ratio described in [7.5.3.1](#) and [7.6.3.1](#) has been revised;
- the method for pH value measurement has been modified in part;
- the surface roughness of the sample holder has been revised.

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

Denture adhesives are used for the improvement in retention stability of removable denture to soft supporting tissues temporarily. This document is intended to determine the physical and chemical properties of denture adhesives.

Specific qualitative and quantitative requirements for freedom from biological hazards are not included in this document.

It is recommended that, in assessing possible biological hazards, reference be made to ISO 7405 and ISO 10993-1.