

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

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*भारतीय मानक मसौदा*

**दंत चिकित्सा - डेंटल प्रोस्थेसिस के लिए कृत्रिम दांत**

*Draft Indian Standard*

**Dentistry — Artificial Teeth for Dental Prostheses**

**ICS 11.060.10**

Dentistry Sectional Committee, MHD 08

Last date for comments: 13 April 2024

**NATIONAL FOREWORD**

*(Adoption clause will be added later)*

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'
- Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 1942, Dentistry — Vocabulary	IS 17895 : 2023/ISO 1942 : 2020, Dentistry Vocabulary	Identical
ISO 3950, Dentistry — Designation system for teeth and areas of the oral cavity	IS 8815 : 2019/ISO 3950 : 2016, Dentistry - Designation system for teeth and areas of the oral cavity ( <i>Second Revision</i> )	Identical
ISO 6344-2, Coated abrasives Determination and designation of	PGD/09/23647, Coated Abrasives Determination and designation of	Identical

grain size distribution Part 2: Macrogrit sizes P12 to P220	grain size distribution Part 2 Macrogrit sizes P12 to P220	
ISO 6344-3, Coated abrasives Determination and designation of grain size distribution Part 3: Microgrit sizes P240 to P5000	PGD/09/23641, Coated Abrasives Determination and designation of grain size distribution Part 3 Microgrit sizes P240 to P5000	Identical
ISO 6873:2013, Dentistry Gypsum products	— IS/ISO 6873 : 2013/ ISO 6873 : 2013, Dentistry - Gypsum products ( <i>First Revision</i> )	Identical
ISO 7491:2000, Dental materials Determination of colour stability	— IS 12181 : 2018/ ISO 7491 : 2000, Dental materials - Determination of colour stability ( <i>First Revision</i> )	Identical
ISO 20795-1, Dentistry — Base polymers — Part 1: Denture base polymers	IS 6887 (Part 1): 2018/ ISO 20795- 1 : 2013, Dentistry - Base Polymers Part 1 Denture Base Polymers ( <i>First Revision</i> )	Identical

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 483	Plastics — Small enclosures for conditioning and testing using aqueous solutions to maintain the humidity at a constant value

This Standard includes modification of ISO 6344-1 to two parts i.e. ISO 6344-2: 2021 and ISO 6344-3: 2021.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test shall be rounded off in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’.

This standard also makes a reference to the BIS Certification Marking of the product. Details of which is given in National Annex A.

**NATIONAL ANNEX A**  
(National Foreword)

**A-1 BIS CERTIFICATION MARKING**

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed thereunder, and the product(s) may be marked with the Standard Mark.

**Scope**

This document specifies the classification, requirements, and test methods for artificial teeth such as ceramic teeth and polymer teeth that are industrially manufactured for use in dental prostheses.

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The technical content of the document has not been enclosed as it is identical with the corresponding ISO standard. For details, please refer to ISO 22112: 2017 or kindly contact:

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