

Dentistry — Synthetic polymer teeth

The European Standard EN ISO 3336:1996 has the status of a British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee HCC/51 Prosthodontic and orthodontic materials, upon which the following bodies were represented:

- Association of Dental Hospitals of the United Kingdom
- British Ceramic Research Ltd.
- British Dental Association
- British Dental Trade Association
- British Institute of Surgical Technologists
- British Society for Restorative Dentistry
- British Society for the Study of Orthodontics
- British Society for the Study of Prosthetic Dentistry
- British Society of Periodontology
- Dental Laboratories Association Limited
- Dental Materials Panel
- Department of Health
- Gypsum Products Development Association
- Institute of Physics
- Ministry of Defence
- Orthodontic Technicians' Association
- Plastics and Rubber Institute
- Royal Society of Medicine
- Society of University Dental Instructors

This British Standard, having been prepared under the direction of the Sector Board for Health and Environment (H/-), was published under the authority of the Standards Board and comes into effect on 15 February 1995

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First published March 1966
Second edition March 1980
Third edition February 1995

The following BSI references relate to the work on this standard:
Committee reference HCC/51
Draft for comment 92/53316 DC

ISBN 0 580 23816 4

Amendments issued since publication

Amd. No.	Date	Comments
9229	September 1996	Indicated by a sideline in the margin

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National foreword

This British Standard has been prepared by Technical Committee HCC/51, and is identical with ISO 3336:1993 *Dentistry — Synthetic polymer teeth*, published by the International Organization for Standardization (ISO) and in the preparation of which the United Kingdom played a full part.

In 1996 the European Committee for Standardization (CEN) accepted ISO 3336:1993 as European Standard EN ISO 3336:1996.

As a consequence of implementing the European Standard this British Standard is renumbered as BS EN ISO 3336:1996 and any reference to BS 3990:1995 should be read as a reference to BS EN ISO 3336:1996.

This standard is a revision of BS 3990:1980 which is withdrawn. The principal changes from the previous edition of ISO 3336, which was technically equivalent to BS 3990:1980, are as follows:

- a) the revision, in accordance with ISO 7491:1985, of the procedure for the determination of colour stability;
- b) the inclusion of a requirement for manufacturers to provide guidance when special treatment is required in order to achieve adequate bonding of the teeth to denture-base polymers;
- c) the inclusion of a requirement, for manufacturers to provide details of the dimensions of the teeth, especially the width, in order to facilitate the selection of teeth by clinicians;
- d) the omission of the hardness test for teeth, as the crazing test (6.8) serves to identify inadequate crosslinking of the polymer.

Cross-references

International Standard	Corresponding British Standard
ISO 1567:1988	BS 2487:1989 <i>Specification for denture base polymers</i> (Identical)
ISO 1942-1:1989	BS EN 21942-1:1992 <i>Dental vocabulary</i> Part 1. <i>General and clinical terms</i> (Identical)
ISO 1942-2:1989	BS EN 21942-2:1993 <i>Dental vocabulary</i> Part 2. <i>Dental materials</i> (Identical)
ISO 3950:1984	BS 6816:1987 <i>Designation system for teeth and areas of the oral cavity</i> (Identical)
ISO 6873:1983	BS 7013:1989 <i>Specification for dental gypsum products</i> (Identical)
ISO 7491:1985	BS 6790:1987 <i>Method for determination of colour stability of dental polymeric materials</i> (Identical)

There is no British Standard corresponding to ISO 483:1988. The Technical Committee has reviewed the provisions of ISO 483:1988 to which normative reference is made in the text and has decided they are suitable for use in conjunction with this British Standard.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN ISO title page, pages 2 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

