BS EN ISO 10873:2021

BSI Standards Publication

Dentistry - Denture adhesives

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National foreword

This British Standard is the UK implementation of EN ISO 10873:2021. It is identical to ISO 10873:2021. It supersedes BS EN ISO 10873:2010, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CH/106/7, Oral hygiene products.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Zahnheilkunde - Prothesenhaftmittel (ISO 10873:2021)

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European foreword

This document (EN ISO 10873:2021) 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of an identical text or by endorsement, at the latest by January 2022, and conflicting national standards shall be withdrawn at the latest by January 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 10873:2021 has been approved by CEN as EN ISO 10873:2021 without any modification.

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Foreword

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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.

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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.

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