

ICS 11.060.20
CCS Y89



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 39669-2020

Replacing GB 19342-2013

**General technical requirements for safety of toothbrushes and
oral implements**

牙刷及口腔器具安全通用技术要求

Issued on: December 24, 2020

Implemented on: January 1, 2022

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1:1-2009: This standard replaces GB 19342-2013 "Toothbrush", GB 30002-2013 "Children's toothbrush" and GB 30003-2013 "Sharpened teeth Compared with the mandatory content in the three standards, the main technical changes are as follows:

---Change the requirements of "Sharpening Wire" in "Toothbrush Bristle Safety" (see 5:6:3:2, GB 30003-2013, 5:5);

---Change the requirements of "edge, tip" (see 5:7, 4:2:1 of GB 19342-2013, 4:2:1 of GB 30002-2013, 5:2:1 of GB 30003-2013);

--- Changed the requirements of "Children's toothbrush and oral appliance accessories" (see 5:8, GB 30002-2013, 4:7);

---Appendix A has been added to indicate the correspondence between mandatory content in the new and old versions: Please note that certain contents of this document may involve patents: The issuing agency of this document is not responsible for identifying these patents: This standard was proposed and managed by the Ministry of Industry and Information Technology of the People's Republic of China: The previous versions of the standard replaced by this standard are as follows:

---GB 19342-2003, GB 19342-2013;

---GB 30002-2013;

---GB 30003-2013: General technical requirements for the safety of toothbrushes and oral appliances

1 Scope

GB 39669-2020 is the Chinese national standard on general technical requirements for safety of toothbrushes and oral implements, in the field of health care technology. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 24 December 2020 by the State Administration for Market Regulation;

Standardization Administration of China, and has been in force since 1 January 2022.

Classification: ICS 11.060.20, CCS Y89. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the terms and definitions, product classification, requirements, and test methods for toothbrushes and oral appliances (hereinafter referred to as "products"): This standard applies to toothbrushes and oral appliances for daily cleaning and nursing:

2 Normative references

The following documents are indispensable for the application of this document: For dated reference documents, only the dated version applies to this article Pieces: For undated references, the latest version (including all amendments) applies to this document:

GB 4706:1-2005 Safety of household and similar electrical appliances Part 1: General requirements GB 4706:

59 Special requirements for safety oral hygiene appliances for household and similar electrical appliances

GB 5009:34-2016 National Food Safety Standard Determination of Sulfur Dioxide in Food

GB 6675:2-2014 Toy Safety Part 2: Mechanical and Physical Properties

GB/T 6682-2008 Analysis laboratory water specifications and test methods

GB/T 22048 Determination of specific phthalate plasticizers in toys and children's products

3 Terms and definitions

The following terms and definitions apply to this document: 3:

1 Brushhead The end of the toothbrush with bristles: 3:

2 Monofilament A single filament in the bristles: 3:

3 Tuft It is assembled by a group of monofilaments: 3:

4 Tuftingblock In the brush head of an electric toothbrush, a small movable part with hair bundles: 3:

5 Moldedbristletoothbrush The bristles are all toothbrushes that are integrally molded:

Note: The single bristles are regarded as hair bundles: