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

GB/T 13522-2024

Replacing GB/T 13522-2008

Bone china

骨质瓷器

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting is required. This document replaces GB/T 13522-2008 Bone China. Compared with GB/T 13522-2008, except for structural adjustments and editorial changes, In addition to the dynamic, the main technical changes are as follows: -- The term and definition "fetal organs" have been deleted (see

3.1 of the.2008 edition); --Changed the technical requirements for thermal shock resistance (see 5.2,

5.2 of the.2008 edition); -- Deleted the technical requirements and test methods for lead and cadmium dissolution (see

6.3 of the.2008 edition); --Added technical requirements and test methods for microwave oven adaptability (see 5.4, 6.4); --Added technical requirements and test methods for adaptability from refrigerator to microwave oven (see 5.5, 6.5); --Added technical requirements and test methods for adaptability from refrigerator to oven (see 5.6, 6.6); --Added technical requirements and test methods for mechanical washing resistance (see

5.7 and 6.7); --Changed the technical requirements for appearance quality (see 5.10,

5.7 of the.2008 edition); -- Changed the inspection rules (see Chapter 7, Chapter 7 of the.2008 edition); --Changes have been made to labeling, packaging, transportation and storage (see Chapter 8, Chapter 8 of the.2008 edition). Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by China Light Industry Federation. This document is under the jurisdiction of the National Technical Committee for Standardization of Daily-Use Ceramics (SAC/TC 405). This document was drafted by: Jiangsu Gaochun Ceramics Co., Ltd., Zibo Huaguang National Ceramics Technology and Culture Co., Ltd., Inner Mongolia Huachen Recycling Resources Technology Co., Ltd., Shandong Yinfeng Co., Ltd., Dongyuan Huayi Ceramics Co., Ltd.,

Pingding Yingyu Ceramics Co., Ltd., Huairan City Jintai Ceramics Co., Ltd., Tangshan Longchang Ceramics Co., Ltd., China Light Industry Ceramics Research Institute, and Tangshan Boyu Bone China Co., Ltd. The main drafters of this document are. Kong Deshuang, Bi Qingliang, Guo Zhanfeng, Zhang Wei, Lin Jianliang, Gao Feng, Wang Xibi, Chen Shusheng, Wen Yuan, and Li Yang. The previous versions of this document and the documents it replaces are as follows: --First published in.1992 as GB/T 13522-1992 and first revised in.2008; --This is the second revision. Bone China

1 Scope

GB/T 13522-2024 is the Chinese national standard on bone china, in the field of glass and ceramics industries. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 December 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2025. Classification: ICS 81.060.20, CCS Y24. 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.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 1871.1-1995 Determination of phosphorus pentoxide content in phosphate rock and concentrates - Quinoline phosphomolybdate gravimetric and volumetric methods

GB/T 2828.1-2012 Sampling procedures for inspection by attributes Part

GB/T 2829-2002 Periodic inspection sampling procedures and tables (applicable to the inspection of process stability)

GB/T 3298 Determination of thermal shock resistance of daily-use ceramics

GB/T 3299 Determination of water absorption of daily-use ceramics

GB/T 3300 Deformation test method for daily-use ceramics

GB/T 3301 Determination of specification error and defect size of daily-use ceramics

GB/T 3302 Rules for packaging, marking, transportation and storage of daily-use ceramics

GB/T 3303 Terminology of defects in daily-use ceramics

GB/T 5000 Terminology of daily-use ceramics

GB/T 27587 Test method for resistance of daily-use ceramics to microwave heating

GB/T 32680 Test method for mechanical washing resistance of daily-use ceramics

GB/T 34253 Test method for adaptability of daily-use ceramics from refrigerator to microwave oven and oven QB/T 1503 Determination of whiteness of daily-use ceramics

3 Terms and definitions

The terms and definitions defined in GB/T 5000 and GB/T 3303 apply to this document.

4 Product Categories

4.1 According to the purpose of the product, it can be divided into plates and dishes, bowls, cups, pots and other utensils.

4.2 According to the specifications of the products, they are divided into small, medium, large and special types. The specification range is shown in Table 1.

4.3 Products are divided into superior products, first-class products and qualified products according to their grades.