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

GB/T 30417-2026

Replacing GB/T 30417-2013

General technical requirements for lacquerware

漆器通用技术要求

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Table of Contents

1	Scope
4	Classification
5	Requirements for raw and auxiliary materials
5.1	Raw materials
6	Requirements for semi-finished products
6.2	Paint film
7	Finished Product Requirements
8	Test Methods
8.1	Raw materials
8.2	Inspection of main auxiliary materials
8.2.2	Thickness Use a vernier caliper with a graduation value of no more than
8.3	Inspection of semi-finished products
8.4	Finished Product Inspection
8.4.2	Security For safety testing of harmful substances in lacquerware, the method in
9	Inspection Rules
9.2	Factory Inspection
9.2.3	Judgment Rules
9.2.3.1	Determination of a single product If all items listed in
9.3	Type Testing
10	Marking, instructions for use, packaging, transportation and storage
10.3	Packaging

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 30417-2013 "General Technical Requirements for Lacquerware". Compared with GB/T 30417-2013, the main differences are structural adjustments and... Aside from editorial changes, the main technical changes are as follows:

- a) Added terminology and definitions for fabric mounting (see 3.3);
- b) The inspection items, test conditions, and requirements for refined paints have been

changed (see Table 1, Table 1 in the.2013 edition);

c) The inspection items and requirements for major auxiliary materials have been changed (see Table 2, Table 2 of the.2013 edition);

d) The gray background thickness has been changed (see Table 3, 6.1.1 of the.2013 version);

e) The baseplate has been removed (see 6.2 in the.2013 edition);

f) The physical and chemical properties of the gray background have been changed (see Table 3, Table 4 in the.2013 edition);

g) The physical and chemical properties of the paint film have been modified (see Table 4, Table 6 in the.2013 edition);

h) Appearance quality has been changed (see Table 5, Table 7 in the.2013 edition);

i) Major dimensions and tolerances have been changed (see 7.1,.2013 edition of 7.1);

j) Security has been changed (see 7.2,.2013 version 7.2);

1 Scope

GB/T 30417-2026 is the Chinese national standard covering lacquerware - the substrate and the lacquer layers, the adhesion and hardness of the film, the resistance to water, heat and alcohol, and the harmful substances that may not be released by an object used at the table. It replaces GB/T 30417-2013 and has been in force since 1 September 2026. It was issued on 27 February 2026 and has been in force since 1 September 2026, replacing GB/T 30417-2013. The document is under the responsibility of the China National Light Industry Council. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document provides information on lacquerware classification, specifies the requirements for raw materials, semi-finished products, and finished products, as well as inspection rules. The requirements for marking, instructions for use, packaging, transportation and storage are described, along with the corresponding inspection methods. This document applies to the design, creation, production, and sale of lacquerware.

4 Classification

4.1 According to decorative techniques, lacquerware can be divided into.

---Painting-type lacquerware. polychrome painting, polished painting, gold and silver gilding, gold-painted polychrome lacquerware, rubbing, etc.;

---Inlaid lacquerware. mother-of-pearl inlay, bone and stone inlay, metal inlay, eggshell inlay, multi-treasure inlay, etc.;

---Carved lacquerware. carved red lacquer, carved polychrome lacquer, carved rhinoceros horn lacquer, etc.;

---Lacquerware with carved designs and colors;

---Carved and inlaid lacquerware;

---Lacquerware with raised relief techniques. lacquer thread carving, surface relief, thin relief, high relief, etc.;

---Plain lacquerware. monochrome lacquerware;

---Lacquerware of the Zhangxiu type;

---Other types of lacquerware. transfer printing, laser engraving, etc.

4.2 According to function, lacquerware can be divided into.

---Decorative lacquerware;

---Practical lacquerware;

---Furniture lacquerware;

5.1 Raw materials

5.1.1 Timber The wood used for lacquerware production shall comply with the provisions of GB/T 3324-2024.

5.1.2 Other materials Materials used in lacquerware production, such as cloth (molded), metal, leather, ceramics, and paper, should comply with relevant national standards and regulations.

5.1.3 Ash materials and ash surfaces The ash and ash base used in lacquerware production shall comply with the provisions of GB/T 19959.

5.1.4 Raw Lacquer Raw lacquer used in lacquerware production shall comply with the provisions of GB/T 14703.

5.1.5 Refined Paint Refined lacquer used in lacquerware production shall conform to the requirements in Table 1.

5.2 Main Auxiliary Materials The main auxiliary materials used in lacquerware production should meet the requirements of Table 2.

6 Requirements for semi-finished products

6.1 Gray background The physical and chemical properties of the gray base material should meet the requirements of Table 3.

6.2 Paint film

6.2.1 Paint finish The paint surface should be pure, smooth, glossy, and uniform in color, with a smooth and even undercoat. The paint surface should be free of color differences, brush marks, runs, wrinkles, exposed base paint, and peeling. Phenomena such as falling, cracks, and external damage.

6.2.2 Paint film The physical and chemical properties of the paint film should conform to the requirements in Table 4.

7 Finished Product Requirements

7.1 Main dimensions and tolerances The main dimensions and deviations of lacquerware furniture shall conform to the provisions of GB/T 3324-2024; decorative, practical, ornamental, and other categories. The main dimensions and deviations of lacquerware should comply with the relevant national standards.

7.2 Security The safety of decorative, practical, furniture, ornamental, and other types of lacquerware should meet national safety standards.

7.3 Appearance Quality The appearance quality shall conform to the requirements of Table 5.

7.4 Appearance of Metal Trim Components Metal ornaments should be free from defects such as rust and discoloration, and the paint around the ornaments should be free from expansion, bubbling, peeling, and other phenomena.

7.5 Limits for Hazardous Substances The limits for harmful substances in lacquer furniture shall comply with the provisions of GB 18584-2024 and GB 18581-2020.

8.1 Raw materials

8.1.1 Timber The determination shall be made according to the method in Appendix B of GB/T 3324-2024.

8.1.2 Other Materials Fabrics were tested according to the method specified in GB/T 3923.1; leather was tested according to the method in

5.1.4 of GB/T 16799-2018; ceramics... The tests shall be performed according to the method specified in GB/T 3299; the tests for paper shall be performed according to the method specified in GB/T 12914. Other materials shall be tested according to the