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

LY/T 3198-2020

**Binderless bamboo chopping board
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed and managed by the National Bamboo and Rattan

Standardization Technical Committee (SAC/TC263).

Drafting organizations of this standard. Hunan Academy of Forestry, Beijing Forestry Machinery Research Institute of State Forestry and Grassland Administration, Hunan Province Product Quality Supervision and Inspection Research Institute, Hunan Forest Product Quality Inspection and Testing Center, Xiangtan Fairy Bamboo Industry Co., Ltd., Zhejiang Jiuchuan Bamboo and Wood Co., Ltd.

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1 Scope

This standard specifies the terms and definitions, classification, requirements, inspection methods, inspection rules, marking, packaging, transportation and Store.

This standard applies to non-glue bamboo cutting boards made from bamboo. It is not suitable for bamboo cutting boards with whole bamboo flat and no glue on the surface.

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 document.

For undated references, the latest version (including all amendments) applies to this document.

GB/T 191 Packaging, Storage and Transportation Pictorial Sign (ISO 780:1997, MOD) GB/T 2828.1-2012 Sampling inspection procedure by attributes Part 1: Batch inspection sampling plan retrieved by acceptance quality limit (AQL) GB 9685 National Food Safety Standard Food Contact Material and Product Additives Use Standard GB/T 17657-2013 Test method for physical and chemical properties of wood-based panels and facing wood-based panels GB 31604.24 National Food Safety Standard Determination of Cadmium Migration in Food Contact Materials and Products GB 31604.32 National Food Safety Standard Determination of Sulfur Dioxide in Wood Materials of Food Contact Materials and Products GB 31604.34 National Food Safety Standard Determination of Lead in Food Contact Materials and Products and Determination of Migration GB 31604.38 National Food Safety Standard Food Contact Materials and Products Determination of Arsenic and Determination of Migration LY/T 1660 Terminology for bamboo wood-based panels

3 Terms and definitions

The following terms and definitions defined in LY/T 1660 apply to this document.

Binderless bamboo chopping board it is made of bamboo as raw material, no adhesive is used, and it is fastened by fasteners. Bamboo cutting board for food contact.

Binderless bamboo chopping board with hoop Bamboo cutting boards for food contact are made with bamboo strips, bamboo slices, etc. as constituent units, without adhesives, and with fasteners such as steel hoops.

(Generally round, as shown in Figure 1).

Among them. a--fasteners, b--bamboo strips, bamboo chips, etc., c--handle d--diameter, t--thickness

Figure 1 Tightening type non-glue bamboo cutting board

Binderless bamboo chopping board with holder it is processed and manufactured with refined bamboo strips as the constituent unit, and does not use adhesives, and uses screws, or rivets and other fasteners to make food contact Use a bamboo cutting board (usually rectangular, as shown in Figure 2).

Fastener

Used to lock the steel hoops, screws, or rivets of the non-plastic bamboo cutting board.

Warping degree

The degree of curvature of the surface of the glueless bamboo cutting board in space is expressed as the distance between the two points furthest in the direction of the bending height.

Skips

Part of the surface that has not been polished.

Stain

Partial discoloration or stains on the surface of the glue-free bamboo cutting board caused by microorganisms, metals or chemicals.

Prickle

Metal parts such as surfaces, fasteners or handles may cause punctures and scratches.

Acute side

Corners or metal accessories may cause scratches on the human body.

3.10

Seam gap

In the dry state, there may be gaps between adjacent bamboo strips, bamboo slices or refined bamboo strips on non-glue bamboo cutting boards.

3.11

Working surface

The surface of the non-glue bamboo cutting board designated for contact with food.

3.12

Non-working surface

The surface of the glue-free bamboo cutting board not designated for contact with food.

4 Categories

4.1

According to the use area.

- a) Single-sided non-glue bamboo cutting board;
- b) Double-sided non-glue bamboo cutting board.

4.2

According to the fastening form.

- a) Tightening type non-glue bamboo cutting board;
- b) Clamping type non-glue bamboo cutting board.

4.3

According to whether it is carbonized or not.

- a) Carbonized non-glue bamboo cutting board;
- b) Natural non-glue bamboo cutting board.
- c) Combined non-glue bamboo cutting board.

5.1 Raw material requirements

5.1.1

The bamboo is generally 4 to 6 years old raw bamboo.

5.1.2

The additives used in the production of glue-free bamboo cutting boards shall meet the requirements of the national standard GB 9685.

5.2 Product grade

The products are divided into two grades of superior products and qualified products according to the appearance quality requirements.