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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

LY/T 1575-2023

Ply bamboo for bottom boards of trucks and buses

汽车车厢地板用竹胶合板

(English Translation)

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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.

This document replaces LY/T 1055-2002 "Bamboo plywood for automobile compartment floor" and LY/T 1575-2000 "Bamboo plywood for automobile compartment floor Compared with LY/T 1055-2002 and LY/T 1575-2000, in addition to structural adjustments and editorial changes, the main technical the technical changes are as follows.

--- Deleted some terms and definitions (see 3.1, 3.2, 3.7 of LY/T 1055-2002 edition, LY/T 1575-2000 edition 3.1, 3.3~3.7);

--- Changed the terms and definitions (see Chapter 3, 3.2 of LY/T 1575-2000 edition);

--- Changed the classification (see Chapter 4, Chapter 4 of LY/T 1575-2000 edition);

--- Changed the dimensions and deviations (see Table 1 and Table 2 in Chapter 5, Table 1 and Table 2, 4.1.3~4.1.5 of LY/T 1055-2002 edition,

Table 1 to Table 4, 5.1.5, 5.1.6 of LY/T 1575-2000 edition);

---In the physical and chemical performance indicators, water absorption rate, static bending strength after water immersion-drying treatment, board surface screw holding force, combustion performance, harmful substances Quality release performance requirements (see Tables 4 to 7 in Chapter 5, Table 4 of LY/T 1055-2002 edition, Table 4 of LY/T 1575-2000 edition)

Table 6 of the version);

--- Changed the measurement methods of length, width, thickness and edge straightness in the specification size (see 6.1.2.1~6.1.2.3, LY/T 1055-5.1.2, 5.1.3 of the 2002 edition, 6.1.2~6.1.4 of the LY/T 1575-2000 edition);

--- Added sampling diagrams and specimen requirements for physical and chemical performance tests, and added water absorption, static bending strength after water

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immersion-drying treatment, and board surface Test methods for screw holding force, combustion performance, and harmful substance release performance (see 6.3.2.3, 6.3.2.7 to 6.3.2.13);

--- The factory inspection items have been increased to include water absorption (see 7.1.1);

--- Changed the sampling plan for appearance quality, specifications and physical and chemical properties inspection (see Table 9, Table 10, Table 11 in Chapter 7,

Table 6, Table 7, 6.2.1~6.2.3 of LY/T 1055-2002 edition, Table 8, Table 9,

7.2.1.1~7.2.1.3);

--- Changed the judgment rules for appearance quality, specifications and physical and chemical properties inspection (see 7.2.2.2, 7.2.3.2, 7.2.4.2, 6.3 of LY/T 1055-2002 edition, 7.3 of LY/T 1575-2000 edition).

1 Scope

This document specifies the classification, technical requirements, inspection methods, inspection rules, and marking, packaging, transportation, and other aspects of bamboo plywood used for automobile compartment floors.

Transport and storage.

This document applies to bamboo strip plywood and flattened bamboo plywood designed for automotive floor panels.

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 2828.1-2012 Sampling procedures for inspection by attributes Part 1: Sampling for batch inspection based on acceptance quality limit (AQL) plan GB/T 13123-2003 Bamboo plywood GB/T 17657-2022 Test methods for physical and chemical properties of wood-based panels and veneered wood-based panels GB 18580-2017 Limits of formaldehyde emission from artificial boards and their products for interior decoration and renovation GB/T 19367-2022 Determination of dimensions of wood-based panels GB/T 35773-2017 Evaluation of odor of packaging materials and products GB/T 36394-2018 Bamboo Product Terminology GB 38262-2019 Combustion characteristics of passenger car interior materials FZ/T 60045-2014 Test method for atomization performance of textile

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materials for automotive interior HJ571-2010 Technical requirements for environmental labeling products - Wood-based panels and their products LY/T 3193-2020 Terminology of bamboo engineering materials

3 Terms and definitions

The terms and definitions defined in GB/T 36394-2018, LY/T 3193-2020 and the following apply to this document.

It is made of bamboo strips, bamboo strips, flattened bamboo boards, etc., pressed according to the composition principles of plywood, and is used as the board material for the floor of automobile compartments.

Flattened bamboo plywood flattenedplybamboo Bamboo flat panel is a board pressed according to the composition principle of plywood.

[Source. LY/T 1660-2006, 3.1.3, modified] 3.3 Bamboo plywood bamboosliverpanel Bamboo plywood is made by gluing bamboo strips in a criss-cross pattern.

[Source. LY/T 3193-2020 Terminology of Bamboo Engineering Materials, 3.2.7]

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