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BB

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

BB/T 0020-2017

Replacing BB/T 0020-2001

**Combination plastic lumber flat pallet
(English Translation)**

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009 "Standardization Work Guide Part 1. Standard Structure and Compilation".

This standard replaces BB/T 0020-2001 "Combined plastic wood flat tray", this standard and BB/T 0020-2001 "combined plastic wood flat support in addition to editorial changes, the main technical changes are as follows.

- Removed the definition of component terminology;
- Removed technical requirements and test methods related to material water absorption;
- Change the name of the "stacking test" test project to "pad or stringer compression test"
- Removed the standard environment for sample conditioning and testing;
- Increased forklift performance requirements and test methods;
- Change the drop height in the drop test to 0.5m.

This standard was proposed by the China Packaging Federation.

This standard is under the jurisdiction of the National Packaging Standardization Technical Committee (SAC/TC49).

This standard was drafted. China Packaging Research and Testing Center, Nanjing Jufeng New Materials Co., Ltd., Hangzhou Longshi Packaging Co., Ltd., Shanghai Hengfeng Paper Packaging Co., Ltd.

1 Scope

This standard specifies the product classification, requirements, test methods, inspection rules and signs, transportation and storage of combined plastic wood flat pallets.

This standard is applicable to plastic wood and vegetable fiber as the main raw materials. After processing the molding material, it is made of a combination of screws and other fasteners.

Disk (hereinafter referred to as the tray).

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

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

GB/T 2934 Intermodal Universal Flat Pallet Main Dimensions and Tolerances GB/T 3716 pallet term GB/T 4996-2014 Intermodal universal flat pallet test method GB/T 15234-1994 plastic flat tray

3 Terms

The terms established in GB/T 3716 apply to this document.

4 Symbol

R---the rated load of the pallet;

L---the length of the tray;

delta---the deflection value of the tray;

xi---the residual deflection value of the pallet;

Phi---the bending curvature of the tray;

L1---the distance between the inner edge of the rectangular support or the center line of the semi-circular support in the longitudinal direction of the tray;

L2---the distance between the inner edge of the rectangular support or the center line of the semicircular support in the width direction of the tray;

L3---the distance between the longitudinal beams (pads) in the longitudinal direction of the pallet;

L4---The distance between the longitudinal beams (tiles) in the width direction of the pallet.

5.1 Basic requirements

5.1.1

The pallet should have sufficient strength and rigidity, the structure should be scientific and reasonable, and its structure should meet the requirements of GB/T 3716, and should have anti-slip Performance, to ensure safe operation during transportation, loading and unloading, and stacking. Empty pallets should be capable of stable multi-layer stacking...