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

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**Box pallet and post pallet
(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 of Standardization Documents" drafted.

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

Box-type and column-type pallets are one of the important product categories in the pallet product series. In order to better standardize the production of box-type and column-type pallets in 2002, the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China and the National Standardization Administration approved and issued GB/T 18832-2002 "Box-type and column-type pallets". After the release and implementation of this standard, it has played a role in guiding, regulating and promoting the development of the pallet industry.

effect. In 2016, the National Standardization Management Committee conducted a centralized review of a series of national standards. After review and research, the national logistics the Standardization Technical Committee (SAC/TC269) recommends that some product standards be converted from national standards to industry standards, including GB/T 18832-2002 "Box-type and column-type pallets". In order to meet the development needs of my country's logistics industry sharing and sharing, in 2019, the national the

Development and Reform Commission approved the project, and began to formulate the industry standard of "box-type and column-type pallets".

This document combines the actual development of the pallet industry and the new demands and changes of the market, in GB/T 18832-2002 on the basis of "Pallet", the anti-drop performance and drop test have been added, and the bending of the bearing surface, the vertical strength of the stackable pallet, the the test method for flat strength refers to the relevant requirements and test methods of ISO 13194 "Main Requirements and Test Methods for Box Pallets".

step in line with international standards.

Box and column trays

1 Scope

This document specifies the form and code, requirements, test methods, inspection rules, as well as marking, packaging, transportation and storage.

This document applies to reusable box-type and column-type pallets, and disposable box-type and column-type pallets can also be used for reference.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GB/T 2934 Main dimensions and tolerances of common flat pallets for intermodal transportation
GB/T 3716 Pallet Terminology
GB/T 4857.11-2005 Basic test for packaging and transport packages - Part 11: Horizontal impact test method

3 Terms and Definitions

GB/T 3716 as well as the following terms and definitions apply to this document.

box pallet

The box-shaped pallet includes three structural forms. the whole plate type, the densely packed slat type and the format box wall, one or more of which are arranged on the box walls.

There are hinged or removable loading and unloading doors, which may be fitted with a top cover.

[Source. GB/T 3716-2000, 4.2] 3.2 Column tray postpalet Pallets with uprights for

supporting stacked goods. Can be fitted with removable links or doors.

[Source. GB/T 3716-2000, 4.1]

4 Form and code

4.1

The structural form of the box pallet includes three types. the whole plate type, the densely packed slat type and the format box wall. The stacking form and code are shown in Table 1, and the schematic diagram is shown in Table 1.

figure 1.

Table 1 Stacking form and code of box pallets

Stacking form code a Features Stackable Fixed BFS Non-stackable Fixed BF the bearing part is fixed to the upper member