

ICS 55.180.20

CCS A 85



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

GB/T 31081-2014

Plastic box pallets

Issued on: December 22, 2014

Implemented on: July 1, 2015

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

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Foreword

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

The standard of the National Logistics Standardization Technical Committee (SAC/TC269) and focal points.

Drafting of this standard. Shanghai Second Polytechnic University, Zhejiang special resistance fitness equipment used, Ltd., Shanghai power card manufacturing plastic tray Ltd., Suzhou Dasen Plastic Industrial Co., Shandong Li Yang Plastic Co., Ltd.

1 Scope

This standard specifies the terms and definitions plastic box pallets, classification, requirements, test methods, inspection rules, marking, transportation and storage.

This standard applies to high density polyethylene, copolymer polypropylene plastic as the main raw material of plastic box pallets.

This standard does not apply to the barrel, tank tray.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein

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

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan

GB/T 2934 Universal intermodal flat pallets main dimensions and tolerances

GB/T 4857.1 packaging transport packages - Test method for labeling various parts

GB/T 4857.11 Basic tests for transport packages - Part 11. Horizontal impact test method

Random vibration test methods. Part 23 GB/T 4857.23 Basic tests for transport packages

GB/T 16716.1 packaging and packaging waste - Part 1. General treatment and use

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1

Plastic box pallets plasticboxpalets

High density polyethylene, copolymer polypropylene plastic as the main raw material to manufacture box pallets.

3.2

Rated stacking load nominalstackingload

Placed in the bottom of the plastic box pallets, the top can bear minimum safe load, in kilograms (kg).

3.3

Test load testload

Loaded into the tray inside a plastic box or plastic tray top box to simulate the storage or transportation environment load, in kilograms (kg).

3.4

Weight tareweight

When the tank is not equipped with a plastic box pallets of goods quality, in kilograms (kg).

Category 4

4.1 Structure form

Plastic box pallets according to the structure is divided into fixed, foldable and removable three forms, see Appendix A.