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

GB/T 47420-2026

Green product assessment - Pallets

绿色产品评价 托盘

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the China Federation of Logistics and Purchasing and the National Green Product Evaluation Standardization General Group. This document is under the jurisdiction of the National Logistics Standardization Technical Committee (SAC/TC 269). This document was drafted by: China Federation of Logistics and Purchasing, China National Institute of Standardization, CIMC Transportation Technology Co., Ltd., and Zhejiang Jiuding. Zhilian Technology Co., Ltd., Jiangsu University, Zhejiang Economic and Trade Polytechnic, Yuyue Home Textiles Co., Ltd., Suzhou CIMC Liangcai Technology Co., Ltd. The company, Dalian CIMC Logistics Equipment Co., Ltd., Shaanxi CIMC Supply Chain Technology Co., Ltd., Tianjin CIMC Logistics Equipment Co., Ltd., Shanghai Parite Plastics Co., Ltd., Zhejiang Huanqun Plastics Co., Ltd., Inner Mongolia National Dairy Technology Innovation Center Co., Ltd., Materials and Energy Conservation Center, Southern Power Grid Carbon Asset Management (Guangzhou) Co., Ltd., Anhui Riqian Logistics Equipment Co., Ltd., Yunyitong Technology Co., Ltd., China Quality Certification Center Certification Center, Beijing Energy Conservation and Environmental Protection Center, Anshan Iron and Steel Group Co., Ltd., Shenzhen Yitong Testing Technology Co., Ltd., Shanghai Xiangxiang Intelligent Technology Co., Ltd. Technology Co., Ltd., Liaoning University of Science and Technology, Beijing Jiaotong University, Jinan University, and Henan Provincial Institute of Metrology and Testing. The main drafters of this document are. Zhao Jieyu, Zhu Yi, Cui Dandan, Huang Song, Wang Kai, Ye Weijiang, Gao Hongguo, Sun Xijun, Zhang Jinshu, and Hu Nan. Li Yan, Wang Guiyuan, Guo Feng, Hou Yupeng, Sun Shikun, Zhang Jiming, Wu Xingxing, He Jian, Liu Zhe, Cao Huilei, Liu Ran, Jia Tianluo, Xu Bingsheng, Pan Xiaohua Chen Jinlong, Zhuang Yangliu, Liu Haifeng, Zhang Qinghuan, Jiang Hao, Zhao Lei, Nie Hua, Wu Qingnian, Lü Hongdi, Kang Xiaolu, Ni Jiansheng, Du Gang, Wang Naiwei Wang Pengyue, Wu Hongpu, Wang Rui, Li Junfeng, Zhang Xiaomei, Jin Lianjin, Zhao Xiaofeng, Zhuang Yunpeng, Hou Haiyun, Xiao Wenjuan, Liao Qingxin, Jin Yuran, Wang Pei Liang Yanjie, Liu

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1 Scope

GB/T 47420-2026 is the Chinese national standard covering how a pallet is assessed as a green product - the material and its source, the durability and the number of trips it will make, the reparability and the fate at end of life, for wood, plastic and composite pallets alike. A pallet's footprint is almost entirely a question of how many times it is used. First edition, in force since 1 July 2026, under the China Federation of Logistics and Purchasing. It was issued on 31 March 2026 and has been in force since 1 July 2026, as a first edition. The document is under the responsibility of the China Federation of Logistics and Purchasing. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the evaluation requirements and methods for green pallet products. This document applies to flat pallets primarily made of wood, plastic, steel, paper-based, or composite materials, as well as those made of wood, plastic, and steel. Evaluation of green products. pallets with upper components manufactured primarily from high-quality materials.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are listed below. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2589 General Rules for Calculating Comprehensive Energy Consumption

GB/T 3716 Pallet Terminology

GB/T 15234 Plastic flat pallets

GB 17167 General Rules for the Configuration and Management of Energy Measuring Instruments in Energy-Using Units

GB/T 17657-2022 Test methods for physical and chemical properties of wood-based panels and veneered wood-based panels

GB/T 18455-2022 Packaging Recycling Mark

GB 18597 Standard for Pollution Control of Hazardous Waste Storage

GB 18599 Standard for Pollution Control of General Industrial Solid Waste Storage and Landfill

GB/T 18916.5-2022 Water withdrawal quotas - Part

5 Paper products

GB/T 19001 Quality Management System Requirements

GB/T 19450 Paper-based flat pallets

GB/T 23331 Energy Management System Requirements and Usage Guidelines

GB/T 24001 Environmental Management Systems Requirements and Guidance for Use

GB/T 24789 General Rules for the Configuration and Management of Water Metering Instruments for Water Users

GB 30981.2-2025 Limits of Hazardous Substances in Coatings Part