

# GB

**NATIONAL STANDARD**

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

**中华人民共和国国家标准**

**GB/T 3199-2007**

**Replace GB/T 3199-1996**

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**Wrought Aluminium and Aluminium Alloy  
Products - Packing, Marking, Transporting and  
Storing**  
**铝及铝合金加工产品 包装、标志、运输、贮存**

**Issued on April 30, 2007**

**Implemented on November 1, 2007**

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

## Foreword

This Standard replaces GB/T 3199-1996 "Wrought Aluminium and Aluminium Alloy Products-Packing, Marking, Transporting and Storing".

Compared with GB/T 3199-1996, this Standard has the following major changes:

- modified the packing manner of aluminium products, described in details all packing manners and protracted structural representation;
- added quality requirements for surface mount of aluminium products;
- Added inspection and quarantine requirements of export woody packing box;
- Added requirements of setting protective iron corner in the hoisting location and banding products with plastic steel strip (or padding protection materials in the contact point between steel fastener and product);
- Added types of packing materials, and its recyclable, degradable processing requirements;
- Added moisture requirements of the rust preventive oil;
- deleted oiling anti rust requirements of mixing industrial vaseline and machine oil

This Standard is under the jurisdiction of China Non-ferrous Metals Industry Association.

This Standard is under the jurisdiction of Subcommittee on Non-ferrous Metal of National Standardization Technical Committee which is responsible for the explanation of this Standard.

Drafting Organization of this Standard is Southwest Aluminum (Group) Co., Ltd.

Participating Organizations of this Standard are: GuangDong Jianmei Aluminum Profile Factory Co., Ltd., Fujian Nanping Aluminum Co., Ltd., Northeast Light Alloy Co., Ltd., Yunnan Xinmeilu Aluminum Foil Co., Ltd. and Chinalco Ruimin Co., Ltd

Major Drafting Staff of this Standard are Deng Zhiling, Lu Jiyan, Ling Ji, Wang Guojun, Gao Jun, Wu Jianguo, Li Ruishan and Zhang Jilin.

All previous editions of this Standard are:

- GB/T 3199—1982 and GB/T 3199—1996

# **Wrought Aluminium and Aluminium Alloy Products—Packing,**

## **Marking, Transporting and Storing**

### **铝及铝合金加工产品 包装、标志、运输、贮存**

## **1. Scope**

This national standard specifies packing, marking, transporting and Storing of wrought aluminium and aluminium alloy products.

This standard is applicable to plate, sheet, strip, foil, tubes, pipes, bar, profile, wire, forging and powder of wrought aluminium and aluminium alloy.

## **2. Normative References**

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For dated reference, subsequent amendments (excluding content of corrigenda) to, or revisions of, any of these publications do not apply. However, Parties to agreements based on this Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. For undated references, the latest edition of the normative document referred to applies.

GB 190 Packing Symbol of Dangerous Goods

GB/T 191 Pictorial Marking for Handling of Goods

YB/T 025 Steel Strips for Packing

SH/T 0692 Rust Preventive Oils

## **3. Packing**

### **3.1 Requirements of packing box, rack and pallet**

**3.1.1** Packing box, rack and pallet may be made of timber, or be made of metal or other materials, and it shall ensure adequate strength, the products cannot be damaged by any breakage.

**3.1.2** Dimension of packing box, rack and pallet shall meet the requirements of product dimension, so as to ensure that the products do not move or be squeezed in the box. When transporting with container, it shall consider matching with the dimension.

**3.1.3** The distance among reinforcing strips of packing box, rack and pallet shall not only meet the consistency requirements of packing box, rack and pallet, but also meet the



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