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ICS 79.060.20
CCS B 70

# NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# GB/T 12626.6-2015

26.9-1990; GB/T 12626.8-1990; GB/T 12626.7-1990; GB/T 12626.6-1990; GB/T 12626.5-1990; GB/T 12626.4-1990

## Hard fibreboard -- Part 6: General purpose boards for use in high-humid conditions

湿法硬质纤维板 第6部分：高湿条件下使用的普通用板

**(English Translation)**

**Issued on: July 3, 2015** **Implemented on: November 2, 2015**

**Issued by: Standardization Administration of China**

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## Foreword

GB/T 12626 "wet hardboard" is divided into nine sections.

--- Part 1. Definitions and classification;

--- Part 2. Common requirements for all board types;

--- Part 3. Specimen Samples and measurements;

--- Part 4. General plate for use in dry conditions;

--- Part 5. Common plate under wet conditions of use;

--- Part 6. ordinary plate under high humidity conditions of use;

Ordinary plate under outdoor conditions of use;. --- Part 7

--- Part 8. under dry conditions using carrier plate;

--- Part 9. humid conditions bearing plate used.

This section GB/T Part of 612,626.

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

This portion instead of GB/T 12626.4 ~ 12626.9-1990 in content.

This section uses redrafted reference method ISO 27769-2:2009 "Wet wood-based panels Fiberboard - Part 2. Requirements" the preparation, and ISO 27769-2:2009 is not equivalent degree of consistency. Physical and mechanical properties of this part and ISO 27769-2:2009 in Hard Ordinary fiberboard plate portion under high humidity conditions consistent with the technical requirements.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.



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This part by the State Forestry Administration.

This part of the man-made board by the National Standardization Technical Committee (SAC/TC198) centralized.

This section drafted by. China Forestry Science Institute of Wood Industry, Xinxiang City Xin Wood Co. Tyrone, Dunhua Dan Fenglin Fiberboard industry limited liability company, Yichun City, Heilongjiang Province friendship fibreboard plant.

## 1 Scope

GB/T 12626 provisions of this part of the plate under ordinary conditions of high humidity requirements, test methods, inspection rules and signs, including Loading, transport and storage.

This section applies to GB/T defined in 3.1 wet hardboard 12626.1-2009.

## 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 12626.1-2009 wet hardboard Part 1. Definitions and classification GB/T 12626.2-2009 wet hardboard Part 2. Common requirements for all board types GB/T 12626.3-2009 wet hardboard Part 3. Specimen Samples and measurements GB/T 17657-2013 panels and veneer plywood physical and chemical performance test method

## 3 Requirements

Common indicators 3.1 thickness deviation, length and width of the deviation should be consistent with GB/T 12626.2-2009 requirements.

**3.2**
physical and mechanical properties are shown in Table 1.

Table 1 physical and mechanical properties

Property Unit

Basic thickness t/mm t<=3.5 3.5 \u003ct<=5.5 t\u003e 5.5 MOR MPa 32 32 30 Elastic modulus MPa 2500 2500 2300 Internal bond strength MPa 0.60 0.60 0.50 24h thickness swelling% 171 512 Moisture resistant.

Internal bond strength after boiling in boiling water 2h MPa 0.30 0.30 0.30

**NOTE:** bending strength, elastic modulus, internal bond strength, 2h boiling water boiled for the next bond strength within the specification limits, 24h thickness swelling of the specification limits.



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Test Method 4

### 4.1 Sampling and specimen size

Conducted in accordance with GB/T 12626.3-2009 in Chapter 3 and Chapter 4.



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