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BB

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

BB/T 0016-1999

Replacing BB/T 0016-2006

**Packaging material. Honeycomb fibreboard
(English Translation)**

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Foreword

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

This standard replaces BB/T 0016-2006 "Packaging material honeycomb paperboard".

Compared with BB/T 0016-2006, the main technical contents of this standard are changed as follows.

- Removed the normative reference file GB/T 6547, and modified ISO 5628 to GB/T 17657-2013; (see Chapter 2, Chapter 2 of the 2006 edition);
- Added schematic diagram of honeycomb paperboard structure (see Figure 1, Figure 1);
- Increased terminology for warpage (see Chapter 3);
- The material is listed separately as Chapter 4, and the requirements are listed as Chapter 5 (see Chapter 4, Version 4.1 of 2006);
- Removed the material from the use of recycled kraft paper, tea board paper and the main technical indicators of Table 1 (see 4.1, 2006 version 4.1.1);
- Remove the specific requirements of the initial drying time and pH of the adhesive (see 4.2, 2006 version 4.1.2);
- Removed the size and the requirements of the Table 2 honeycomb paperboard size series (2006 edition 4.2);
- Adjusted the appearance quality section clause number (see 5.1, 2006 edition 4.6);
- Increased the requirement for paper holes in honeycomb paperboard (see 5.1.4, 2006 edition 4.6.4);
- Modified the binning and deviation of the dimensions (see Table 1, Table 2, Table 3; 4.3 of the 2006 edition);
- Removed the requirement for curing (4.4.3 of the 2006 edition);
- Revised the indicator requirements for moisture content (see 5.5.1, 4.5.1 of the 2006

edition);

- Removed the density indicator (4.5.4 of the 2006 version);
- Increased food safety performance requirements (see 5.6);
- Increased test methods for maximum warpage, aperture ratio and degumming area (see 6.2.2, 6.4 and 6.5);
- Revised the test method for moisture content (see 6.6.1, 5.3 of 2006 edition);
- Removed the flat compression strength test speed (see 6.6.2, 2006 edition of 5.6);
- Revised the requirements for static bending strength (see 5.5.3, Table 4, Table 4.5.3, 2006);
- Modified the test method for static bending strength (see 6.6.3, 5.5 of 2006 edition);
- Revised the "bottom height from the ground is not less than 150mm" in storage, modified to 100mm (see 8.4, 7.4 of 2006 edition).

This standard was proposed by the China Packaging Federation.

This standard is under the jurisdiction of the National Packaging Standardization Technical Committee (TC49).

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1 Scope

This standard specifies the terms and definitions, materials, requirements, test methods, inspection rules, marking, packaging, transportation and storage of honeycomb paperboard.

This standard applies to the production, use and inspection of honeycomb paperboard without special processing. Enhanced, moisture-proof, fire-proof, anti-static, etc.

The processed honeycomb paperboard can be referred to for execution.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

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

Determination of GB/T 450 paper and paperboard samples and determination of longitudinal, lateral and frontal surfaces of samples GB/T 462 Determination of moisture in paper, paperboard and pulp analysis samples GB/T 1453-2005 Test method for sandwich structure or core flatness performance Standard atmospheric conditions for the handling and testing of GB/T 10739 paper, board and pulp samples GB/T 13024-2016 box cardboard GB/T 17657-2013 Test method for physical and chemical properties of wood-based panels and veneered panels BB/T 0074-2017 packaging material honeycomb paper core

3 Terms and definitions

The following terms and definitions apply to this document.

Honeycomb cardboard honeycombfibreboard the paperboard made of two-layer paper and intermediate honeycomb paper core is shown in Figure 1.

Figure 1 Schematic diagram of honeycomb paperboard structure

Face paper faceofhoneycombfibreboard the outer paper of the sandwich structure of honeycomb paperboard.