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

GB/T 10342-2026

Replacing GB/T 10342-2002

**Paper, board and pulps - Packaging, labelling, transport and
storage**

纸、纸板和纸浆 包装、标志、运输和贮存

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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. This document replaces GB/T 10342-2002 "Packaging and Marking of Paper". Compared with GB/T 10342-2002, except for structural adjustments and... Aside from editorial changes, the main technical changes are as follows:

- a) The scope has been changed (see Chapter 1, Chapter 1 of the.2002 edition);
- b) Added terms and definitions for plywood packaging (see 3.5), and removed terms and definitions for wood plywood (see 3.5 in the.2002 edition);
- c) Added categories (see Chapter 4);
- d) Increased requirements for pulp packaging and labeling (see
- e) The packaging requirements for sheet paper, roll paper, and disc paper have been changed (see Chapter 5, 4.1, 4.2, and 4.3 of the.2002 edition);
- f) Increased requirements for pallet packaging of paper and paperboard trays (see 5.4.2);
- g) The requirement for folded and overlapping packaging of flat paper has been removed (see 4.1.4 of the.2002 edition);
- h) The marking requirements for paper and paperboard have been changed (see Chapter 6, 4.4 of the.2002 edition);

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. 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 191 Packaging and Storage Graphic Symbols

GB/T 6388 Transport Packaging Receipt and Delivery Marks

GB/T 6543 Single-wall and double-wall corrugated cardboard boxes for transport packaging

GB/T 9174 General Technical Requirements for Transport Packaging of General Cargo

GB/T 12464 Ordinary wooden boxes

GB/T 16470 Pallet Unit Cargo Loading

GB/T 16716.1 Packaging and Environment Part

4 Classification

4.1 Paper and paperboard are classified into sheet paper, roll paper, and coil paper according to their packaging form. Sheet paper is packaged in various ways, including plywood or pallet packaging and cartons. Alternatively, it can be packaged in wooden crates, flexible packaging, etc. Packaging methods for roll paper include roll packaging and pallet packaging. Packaging methods for sheet paper include roll packaging. Packaging methods include pallet packaging, flexible packaging, cardboard boxes or wooden crates, etc.

4.2 Pulp is classified into pulp bales, roll pulp, and bulk pulp according to its packaging form.

5.1 General Rules

5.1.1 Paper, paperboard and pulp packaging should adequately protect the product from loosening, moisture and deformation during transportation and storage.

5.1.2 Appropriate packaging methods should be selected based on the type, size, and surrounding environment of the paper, paperboard, and pulp to ensure the safety of the product during storage and transportation. Effective protection was provided during the process.

5.1.3 While meeting the requirements, the amount of packaging material used should be minimized. Packaging materials should be clean, dry, and odorless, and should be used preferentially. Materials that do not cause environmental pollution or are reusable, recyclable, or recyclable. For food contact paper and paperboard, materials that come into direct contact with the product... The packaging materials that come into contact with the product should be non-toxic and harmless to ensure that the product is not contaminated by substances or odors that are harmful to human health.

5.1.4 The total content of lead, cadmium, mercury, and hexavalent chromium in packaging materials shall comply with the requirements of

GB/T 16716.1, and the cardboard boxes used for transport packaging shall comply with... According to

GB/T 6543, wooden crates should meet the requirements of

GB/T 12464, pallets should meet the requirements of

GB/T 16470, and other packaging materials should meet the requirements of GB/T 12464. GB/T 9174 requirements.

5.1.5 The water absorption of the packaging paper used for inner and outer packaging should not exceed

30.0 g/m², and the moisture content of the wood used for packaging should not exceed 20%.

5.1.6 Products in the same package should be from the same batch. In special circumstances, when products from different batches are packaged in the same package, they should be clearly labeled.

5.1.7 The quality and dimensions of the packaging shall comply with the freight regulations of the relevant carrier.

5.2.1 Packaging with plywood or pallets

5.2.1.1 Requirements for small packaging and outer packaging 5.2.1.1.1 When using plywood or pallets for packaging, paper and cardboard can be packaged into smaller packages. Depending on the basis weight of the paper and cardboard, each small package... Choose an appropriate number of sheets, such as 250 sheets, 125 sheets, or 100 sheets. Packaging can also be done by ream, with each ream of paper and cardboard typically containing 500 sheets. 5.2.1.1.2 A refill label should be affixed to the end of each small package. The refill label should include the name, quantity, specifications, and number of sheets. If the packages are not divided into small packages, Colored labels should be used to separate paper items according to a predetermined number of sheets.

5.2.1.1.3 For paper items consisting of small packages or without small packages, the outer packaging shall be shrink-wrapped or stretch-wrapped with wrapping paper or plastic film. When packing, both ends of the packaging material should be folded over the ends of the paper and sealed securely. 5.2.1.1.4 The front and back sides, as well as the longitudinal and transverse directions, of sheet paper and paperboard should be aligned. 5.2.1.1.5 Depending on the product's moisture-proof requirements, moisture-proof paper or plastic film packaging may be used.

5.2.1.2 Requirements for clamps 5.2.1.2.1 The surface of the plywood should be flat, nails should not protrude from the surface, and there should be no holes with a diameter greater than 30mm on the surface. 5.2.1.2.2 Plastic, metal, or other materials may be used as needed for the splints.

5.2.1.3 Pallet Requirements 5.2.1.3.1 According to packaging form, pallets can be divided into pallets with top clamps and pallets without top clamps. Pallets with top clamps are easier for forklifts to load and unload. Pallets without top clamps are easy to load and unload with forklifts, but not easy to stack. They are generally suitable for... Medium and short-distance transportation. 5.2.1.3.2 According to packaging materials, pallets can be divided into wooden pallets, honeycomb paper pallets, plastic pallets, and metal pallets, etc. Regardless of the material... The strength and waterproof performance of the pallet should meet the requirements for use.

5.2.1.4 Packaging Requirements 5.2.1.4.1 Paper items should be placed on a tray without a top clamp, between two clamps or between a clamp and the tray. Moisture-proof measures should be taken both above and below the paper items, such as... Place moisture-proof paper or plastic film underneath. 5.2.1.4.2 Packaging should be done using packing straps,