

ICS 85.060
CCS Y32



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

GB/T 10335.6-2023

Coated paper and board - Part 6: Water-based coated paper

涂布纸和纸板 第6部分：水性涂布纸

Issued on: December 28, 2023

Implemented on: July 1, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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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 is Part 6 of GB/T 10335 "Coated Paper and Paperboard": GB/T 10335 has released the following parts:

---Coated art printing paper (coated paper) (GB/T 10335:1-2017);

---Lightweight coated paper (GB/T 10335:2-2018);

---Coated white cardboard (GB/T 10335:3-2018);

---Coated white cardboard (GB/T 10335:4-2017);

---Part 5: Coated container board (GB/T 10335:5-2023); Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed by China Light Industry Federation: This document is under the jurisdiction of the National Paper Industry Standardization Technical Committee (SAC/TC141): This document was drafted by: Wuzhou Special Paper (Jiangxi) Co., Ltd., Hefei Xingyi Packaging Co., Ltd., and China Pulp and Paper Research Institute Co., Ltd., China Leather and Shoemaking Research Institute Co., Ltd., Zhongqing Paper Products Inspection and Certification Co., Ltd., Zhongqing (Jinjiang) Hygiene Products Research Co., Ltd: company: The main drafters of this document: Wang Xinting, Zhang Jianjiang, Wen Jianyu, Yuan Taojing, Chen Dazhi, Xu Zihan, Zhang Zheng, Chang Wenkai, Feng Yafang, Zhang Meng:

GB/T 10335 "Coated Paper and Paperboard" will improve the quality level of domestic products, reduce environmental pollution, and improve the production of coated paper and paperboard It plays a guiding role and is planned to be composed of six parts:

---Part 1: Coated art printing paper (coated paper): The purpose is to stipulate that the base paper suitable for single-layer paper making should be calendered and finished after coating: Made of decorative materials, it is used for the coating beauty of albums, pictorials, book covers, inserts, art pictures and product trademarks printed in monochrome or color: Technical requirements and related methods for technical printing paper, thereby

standardizing industry product production and improving product quality:

---Part 2: Lightweight coated paper: The purpose is to stipulate that the coating amount per side is not more than 10g/m², mainly used for single color or color Technical requirements and related methods for lightweight coated paper for color-printed books, periodicals, promotional materials, etc:

---Part 3: Coating white cardboard: The purpose is to stipulate that the surface layer and bottom layer of base paper are mainly bleached wood pulp, and the middle layer is added with Mechanical wood pulp or chemical wood pulp is made by coating on one or both sides and then calendering: It is mainly used for printing art prints or Technical requirements and related methods for coating white cardboard to produce packaging cartons for high-end products after printing:

---Part 4: Coated white cardboard: The purpose is to stipulate that the surface layer of the base paper is bleached pulp, which is made by calendering and finishing after coating: Technical requirements and related methods for coated white paperboard:

---Part 5: Coated container board: The purpose is to stipulate that it is applicable to cases where the top layer is mainly bleached wood pulp and the bottom layer is mainly unbleached kraft wood pulp: Mainly, the technical requirements and related methods of coated containerboard made by single-sided coating:

---Part 6: Water-based coated paper: The purpose is to specify the technical requirements and relevant requirements for water-based coated papers suitable for non-food packaging purposes: Off method: Coated paper and paperboard Part 6: Water-based coated paper

1 Scope

GB/T 10335.6-2023 is the Chinese national standard on coated paper and board - part 6: water-based coated paper, in the field of paper technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 28 December 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2024. Classification: ICS 85.060, CCS Y32. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document defines the terms and definitions of water-based coated paper, gives product classifications, and stipulates the requirements, inspection rules and regulations for water-based coated paper: Labeling, packaging, transportation, storage, and corresponding test methods are described: This document applies to the production, inspection and sales

of water-based coated paper for non-food packaging purposes: This document does not apply to water-based coated papers used for food packaging:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 450 Collection of paper and cardboard samples and measurement of longitudinal, transverse, front and back sides of the samples GB/T 451:

1 Determination of dimensions and deflection of paper and cardboard GB/T 451:

2 Paper and cardboard Part 2: Quantitative determination GB/T 451:

3 Determination of thickness of paper and cardboard

GB/T 454 Determination of paper bursting strength

GB/T 462 Determination of moisture content of paper, cardboard and pulp analysis samples

GB/T 1540 Copper method for testing water absorption of paper and cardboard

GB/T 2678:2-2021 Determination of water-soluble chloride in paper, cardboard and pulp

GB/T 2678:6-2023 Determination of water-soluble sulfates in paper, cardboard and pulp GB/T 2828:

1 Enumeration sampling inspection procedures Part 1: Batch-by-batch inspection sampling plan retrieved by acceptance quality limit (AQL)

GB/T 6682 Specifications and test methods for water used in analytical laboratories

GB/T 7975 Determination of color of paper and cardboard (diffuse reflectance method)

GB/T 10342 Paper packaging and marking

GB/T 10739 Standard atmospheric conditions for handling and testing of paper, paperboard and pulp samples

GB/T 12914 Determination of tensile strength of paper and paperboard - Constant speed tensile method (20mm/min) GB/T 22805:

2 Determination of grease resistance of paper and cardboard Part 2: Surface exclusion method

GB/T 25436-2023 Tea filter paper

GB/T 36392-2018 Coated paper and cardboard for food packaging

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