

ICS 85.060

CCS Y32



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

GB/T 10335.1-2017

Replacing GB/T 10335.1-2005

Coated paper and board - Coated art paper

涂布纸和纸板 涂布美术印刷纸(铜版纸)

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Categories

Foreword

GB/T 10335 "coated paper and cardboard" is divided into five parts.

- GB/T 10335.1 coated paper and cardboard coated art printing paper (coated paper);
- GB/T 10335.2 coated paper and cardboard lightweight coated paper;
- GB/T 10335.3 coated paper and cardboard coated white cardboard;
- GB/T 10335.4 coated paper and cardboard coated white cardboard;
- GB/T 10335.5 coated paper and cardboard coated cardboard boxes. This section GB/T 10335 Part 1. This section drafted in accordance with GB/T 1.1-2009 given rules. This Part replaces GB/T 10335.1-2005 "coated paper and coated art printing paper (coated paper)", and GB/T 10335.1- 2005 compared to the main technical changes are as follows:
 - Quantitative deviation in accordance with the $\leq 157\text{g/m}^2$, $> 157\text{g/m}^2$ were specified, abolished banner quantitative indicators of poor;
 - Increased thickness deviation, poor thickness, stiffness and other indicators;
 - Canceled the smoothness index, revised the printing surface roughness test conditions, changed from a hard pad to a pad, and made the corresponding value Adjustment;
 - Adjust the D65 brightness, opacity and gloss index specified value;
 - Change the printing surface strength, printing gloss, ink absorption test with standard ink, and the standard value adjusted accordingly. This part is proposed by China National Light Industry Council. This part of the National Paper Industry Standardization Technical Committee (SAC/TC141) centralized. This part of the drafting unit. Shandong Sun Paper Co., Ltd., China Pulp and Paper Research Institute, UPM (China) Co., Ltd., Hill East Chenming Paper Holdings Limited, Gold East Paper (Jiangsu) Co., Ltd., Shandong Huatai Paper Co., Ltd., Shandong Quanlin Paper Co., Ltd., National Paper Quality Supervision and Inspection Center. The main drafters of this section. Zhang Qingwen, Niu Li, Yuan Xiaoyu, Li Bingjuan, Wu Guochun, Zhang Fengshan, Yin Lihua. This part replaces the standards previously issued as.

--- GB/T 10335-1995, GB/T 10335.1-2005. Coated paper and cardboard Coated art printing paper (coated paper)

1 Scope

GB/T 10335.1-2017 is the Chinese national standard on coated paper and board - coated art 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 29 December 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2018. 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.

GB/T 10335 provisions of this section coated art printing paper (coated paper) classification, requirements, test methods, inspection rules and signs, Packaging, transportation, storage. This section applies to single-layer papermaking coated, after finishing by calendering, monochrome or color printing for the album, pictorial, book cover Surface, insert, art pictures and trademarks and other coated art printing paper.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 450 paper and cardboard samples taken and the sample vertical and horizontal, front and back determination

GB/T 451.1 Determination of paper and board dimensions and skewness

GB/T 451.2 Determination of paper and board

GB/T 451.3 Determination of paper and board thickness

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

GB/T 1541 Determination of dust on paper and board

GB/T 1543 Determination of paper and board opacity (paper backing) (diffuse reflection method)

GB/T 2828.1 Sampling procedures for sampling inspection - Part 1. Batch inspection sampling plan retrieved by acceptance quality limit (AQL)

GB/T 7974 paper, cardboard and pulp Blu-ray diffuse reflection factor D

65 Determination of brightness (diffuse/vertical method, outdoor daylight conditions)

GB/T 7975 paper and board color measurement (diffuse reflection method)

GB/T 8941 paper and board - Determination of specular gloss

GB/T 10342 paper packaging and marking

3 Categories

3.1 coated art printing paper according to the amount of coating is divided into weight coating (each coating amount $\geq 20\text{g/m}^2$) and the amount of coating (each coating amount $> 10\text{g/m}^2$)

2 And $< 20\text{g/m}^2$).

3.2 coated art printing paper according to the coating surface is divided into single-sided coating and double-sided coating.

3.3 coated art printing paper according to the appearance of the characteristics of light type and matte type.