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

GB/T 18359-2009

Replacing GB/T 18359-2001

**General requirements and test methods of paper and printing
qualities for primary and secondary school textbooks**

中小学教科书用纸、印制质量要求和检验方法

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Foreword

This standard replaces GB/T 18359-2001 "school textbooks of paper and printing quality standards and testing methods." This standard compared with GB/T 18359-2001, the main changes are as follows:

- According to GB/T 1.1-2000 requirements of the standard format has been modified.
- Changing the name of the standard, the original standard name of "standards" to "requirements."
- Classification and methods of use of paper restatement, the new coated art paper and printing color offset printing paper, paper type, modification Original standard paper technical requirements.
- Increase the water-absorbent paper quantitative technical requirements and test methods to replace the technical requirements of the original standard quantitative degree of sizing and testing method.
- Increase the technical requirements and test methods plate area.
- Increase coating quality quantitative requirements and test methods.
- Quantitative increase technical requirements set adhesive bond strength of books and test methods.
- Increase textbook finished batch sampling approach. The standard proposed by the GAPP. This standard by the National Standardization Technical Committee printing. This standard was drafted. People's Education Press, China Pulp and Paper Research Institute, UPM-Kymmene (Changshu) Paper Industry Co., Ltd., Henan Silver Pigeon Industrial Investment Co., Ltd., Anhui Xinhua Printing Co., Ltd., Henan Xinhua first printing. Drafters of this standard. sand Xiaoqing, Chen Xi, Cai Jingsheng, Guo Xu, Xie Zhiqiang, Xing red right, Yuan Xiaoyu, Korea Sixi, Huang Zhijun, Xu Hanbin. This standard was first released in 2001, this is the first revision. School textbooks paper, Print quality requirements and test methods

1 Scope

GB/T 18359-2009 is the Chinese national standard on general requirements and test methods of paper and printing qualities for primary and secondary school textbooks, in the field of image 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 16 July 2009 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 December 2009. Classification: ICS 37.100.01, CCS A17. 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 standard specifies the school textbooks paper, plate making, printing, binding, and other quality requirements and test methods, including the quality of the finished product batch sampling party Law and packaging, transportation and storage requirements. This standard applies to ordinary primary and secondary schools use a variety of textbooks. Primary and secondary education textbooks auxiliary books and other categories can refer to mining By this standard.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 450 and take samples to an aspect of paper and paperboard samples, positive and negative determination (GB/T 450-2008,

ISO 186. 2002, MOD) Determination of

GB/T 451.1 Paper and board size and skewness

GB/T 451.2 Paper and paperboard quantitative determination (GB/T 451.2-2002, eqv ISO 536.1995)

GB/T 456 Paper and cardboard smoothness (Buick method) (GB/T 456-2002, idt ISO 5627.1995)

GB/T 457 Paper and board - Determination of folding endurance (GB/T 457-2008, ISO 5626.1993, MOD)

GB/T 459 Determination of paper and cardboard stretchability (GB/T 459-2002, eqv ISO 5635. 1978)

GB/T 462 paper, board and pulp - Determination of water sample (GB/T 462-2008, ISO 287. 1985, ISO 638. 1978, MOD)

GB/T 1540 paper and board Determination of water absorption (Cobb method) (GB/T 1540-2002, neq

ISO 535.1991) Determination of

GB/T 1541 Paper and paperboard dust degree

GB/T 1543 Paper and paperboard opacity (paper backing) measurement (diffuse reflectance method) (GB/T 1543-2005, ISO 2471. 1998, MOD)

GB/T 1545 paper, paperboard and pulp water extracts Determination of acidity or alkalinity (GB/T 1545-2008, ISO 6588. 1981, MOD)