

ICS 85-010
CCS Y 30



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

GB/T 22878-2008

Paper and board -- Estimation of contraries

纸和纸板 杂质的估算

(English Translation)

Issued on: December 30, 2008

Implemented on: September 1, 2009

Issued by: Standardization Administration of China

Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions
5 Device
5.1 Illumination device
5.2 Standard dust comparison chart

Foreword

This revised standard adopts ISO 15755:1999 "Paper and paperboard impurities estimate." this standard and ISO 15755:1999 as compared to the main differences are as follows.

--- Remove the ISO 15755:1999 Annex B;

--- Normative references to international standards in the ISO standard document references into its corresponding national standard, GB/T 450 paper and to take samples and specimens of vertical and horizontal to the board, positive and negative determination (GB/T 450-2008, ISO 186:2002, MOD);

--- Instrument calibration due to lack of experience, this standard does not provide accurate repeatability and reproducibility of the data.

Appendix A of this standard is a normative appendix.

The standard proposed by China National Light Industry Council.

The standard paper by the National Standardization Technical Committee (SAC/TC141) centralized.

This standard was drafted. China Pulp and Paper Research Institute, China Paper Association Professional Committee for Standardization, the National Quality Supervision and Inspection paper center.

1 Scope

This standard specifies the method for determination of paper sheet visible impurities estimates reflecting light.

This standard applies to the majority of paper and paperboard.

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)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Extracted from a package, bundle or roll in a piece of paper or cardboard.

Area for testing.

Appendix A in the comparison chart (see Figure A.1) shown any unwanted particles or spots, its size exceeds a predetermined minimum size,

Compared with the surrounding paper surface and having a distinct light reflection.

Note: The sheet surface impurities include any spots.

Principle 4

Test specimens under reflected light. According to the comparison chart in Appendix A, each larger than the predetermined estimated and compared to the surrounding area of the paper is not showing Impurity area with reflected light contrast. The impurity area summed to a sheet per square meter occupied square millimeters (mm²/m²) represents the total area of the impurity.

If desired, the area should be reported separately in different groups of impurities.

5.1 Illumination device

Observation suitable light source sheet in reflected light. Light source should have sufficient strength to ensure that all greater than the predetermined minimum area (see 7.2) impurities can be observed. Avoid direct sunlight or other external light sources.

5.2 Standard dust comparison chart

A series of black printed on a transparent film, gray, different shapes, different sizes, different contrast spots. This chart is used to visually Law and calibrate the instrument. This

chart in Appendix A.