

ICS 85.010

CCS Y 30



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

GB/T 24323-2009

**Pulps -- Laboratory sheets -- Determination of physical
properties**

纸浆 实验室纸页 物理性能的测定

(English Translation)

Issued on: September 30, 2009

Implemented on: February 1, 2010

Issued by: Standardization Administration of China

Table of Contents

Foreword

1 Scope

2 Normative references

Foreword

This revised standard adopts ISO 5270:1998 "Pulp Laboratory sheets Determination of physical properties" (in English).

This standard and ISO 5270:1998 compared to the main differences are as follows.

--- With GB/T 455 "Paper and board - Determination of tearing resistance" instead eqvISO 1974.1990;

--- With GB/T 457 "Paper and board - Determination of folding endurance" instead of ISO 5626:1993, MOD;

--- With GB/T 458-2008 "Paper and board - Determination of air permeability" instead ISO 5636-2. 1984, MOD, ISO 5636-3.

1992 and ISO 5636-5:2003, MOD;

--- With GB/T 2679.6 "corrugated paper flat crush strength determination" instead eqvISO 7263. 1985;

--- With GB/T 2679.8 "Paper and cardboard ring crush strength determination" instead eqvISO 12192.2002;

--- With GB/T 2679.10 "Paper and paperboard short compressive strength assay" instead eqvISO 9895. 1989;

--- With GB/T 8940.2 "pulp brightness (whiteness) sample preparation" instead eqvISO 3688.1999;

--- With GB/T 10739 "Paper, paperboard and pulp sample processing and testing standard atmospheric conditions" instead eqvISO 187.1990;

--- With GB/T 12914 "Paper and board Determination of tensile strength" instead ISO 1924-1:1992, MOD and ISO 1924-2.

1994, MOD;

--- With GB/T 22364 "Paper and cardboard bending stiffness" instead of ISO 2493:1992, MOD and ISO 5629.

1983, MOD;

--- With GB/T 24324 "Pulp preparation for physical testing conventional sheet former French laboratory sheets" instead ISO 5269-1:2005, MOD;

--- With GB/T 24326 "Pulp sheets for physical testing laboratory preparation of rapid Kaiser law" instead of ISO 5269-2.

2004, MOD.

The standard proposed by China National Light Industry Council.

This standard by the National Standardization Technical Committee of the paper industry.

This standard was drafted. China Pulp and Paper Research Institute, the national paper quality supervision and inspection center, China Paper Association Professional Committee of Standardization Members will.

1 Scope

This standard specifies the method for determination of the physical properties of laboratory sheets.

This standard applies to laboratory sheet according to GB/T 24324 and GB/T 24326 prepared this standard with the corresponding standard method use together.

In some cases, test methods specified in this standard differ from the corresponding standard method, which is due to the limited number of laboratory sheets.

NOTE: To determine the pulp diffuse blue reflectance factor (ISO brightness) of the laboratory sheets should be GB/T 8940.2 prepared.

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 451.3 Paper and board - Determination of thickness (GB/T 451.3-2002, idtISO 534. 1988) GB/T 454 Determination of bursting strength of paper (GB/T 454-2002, idtISO 2758.2001) GB/T 455 Paper and board - Determination of tearing resistance (GB/T 455-2002, eqvISO 1974.1990) GB/T 457 Paper and board - Determination of folding endurance (GB/T 457-2008, ISO 5626:1993, MOD) GB /458-2008 paper and board Determination of air permeability of T (ISO 5636-2. 1984, MOD; ISO 5636-3:1992, MOD; ISO 5636-5:2003, MOD) GB/T 2679.6 corrugated paper flat crush resistance measurement

(GB/T 2679.6-1996, eqvISO 7263. 1985) GB/T 2679.8 Paper and cardboard ring crush strength determination (GB/T 2679.8-1995, eqvISO /DIS12192) GB/T 2679.10 Paper and paperboard short compressive strength assay (GB/T 2679.10-1993, eqvISO 9895. 1989) GB/T 8940.2 pulp brightness (whiteness) Sample Preparation (GB/T 8940.2-2002, eqvISO 3688.1999) GB/T 10739 paper, paperboard and pulp sample processing and testing standard atmospheric conditions (GB/T 10739-2002, eqvISO 187.

1990)

GB/T 12914 Paper and board - Determination of tensile strength (GB/T 12914-2008; ISO 1924-1:1992, MOD;

ISO 1924-2:1994, MOD) GB/T 22364 Paper and board Determination of bending stiffness (GB/T 22364-2008; ISO 2493:1992, MOD; ISO 5629.

1983, MOD)

GB/T 24324 physical testing pulp prepared by conventional sheet former method (GB/T 24324-2009, laboratory sheets ISO 5269-1:2005, MOD) GB/T 24326 pulp sheets for physical testing laboratory preparation Kaiser rapid method (GB/T 24326-2009, ISO 5269-2.

2004, MOD)

Principle 3

Determination of pulp laboratory sheets for physical properties, such as laminated tightness, tensile index, tear index, burst index, air permeability, folding, bending Qu stiffness and compression strength, is already prepared without beating or beating the pulp suspension into laboratory sheets, and the sheet is placed Standard Atmosphere Equilibrium after treatment were measured.