

ICS 85-010
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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 465.1-2008

Replacing GB/T 465.1-1989

**Paper and board -- Determination of bursting strength after
immersion in water**

纸和纸板 浸水后耐破度的测定

(English Translation)

Issued on: August 19, 2008

Implemented on: May 1, 2009

Issued by: Standardization Administration of China

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Foreword

GB/T in this part 465 is identical with ISO 3689. 1989 "Paper and cardboard resistance after flooding burst strength measurement." this Part replaces GB/T 465.1-1989 "paper and paperboard resistance after a predetermined time of immersion broken assay." Section compared with the GB/T 465.1-1989, major changes in the following.

--- Modify the sink test technical requirements (Edition 1989, Chapter 4; Chapter 5 of this edition);

--- Modify the soaking time (1989 edition, Chapter 6; Chapter 8 of this edition).

This part is proposed by the China National Light Industry Council.

This part of the National Standardization Technical Committee under the jurisdiction of the paper industry.

This section drafted by. China Pulp and Paper Research Institute.

1 Scope

GB/T 465 provisions of this part of the paper and cardboard in the water determination after the bursting of the soak time specified.

This section applies to the majority of paper and paperboard.

2 Normative references

The following documents contain provisions which, through reference GB/T 465 of this text, constitute provisions of this section. For dated reference documents Member, all

subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

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)

GB/T 454 Determination of bursting strength of paper (GB/T 454-2002, idt ISO 2758:2001)
GB/T 1539 Determination of cardboard bursting strength (GB/T 1539-2007, ISO 2759:2001, IDT) GB/T 10739 paper, paperboard and pulp sample processing and testing standard atmospheric conditions (GB/T 10739-2002, eqv ISO 187.

1990)

3 Terms and Definitions

The following terms and definitions apply GB/T 465 of this section.

When under the test conditions specified sample immersion X hours, uniform pressure is applied perpendicular to the surface of the sample until the sample is broken, single the maximum resistance of paper or paperboard imposed.

After under specified test conditions, a single layer of paper or paperboard soaking X hours, the bursting of the sample with the percentage of the dry break of resistance.

Principle 4

After a sample of paper or cardboard soaked in water for an appropriate time, measured bursting.

5.1 Bursting tester

In line with GB/T 454 or GB/T 1539 requirements.

5.2 Controllable heated water tank

Sink should be large enough so that the specimen is placed vertically.

5.3 Water immersion

Use distilled or deionized water.

6 Samples

Samples taken in accordance with GB/T 450.

GB/T 465.1-2008/ISO 3689. 1983