

ICS 85.060
CCS Y 30



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

GB/T 455-2026

Replacing GB/T 455-2002

Paper and board - Determination of tearing resistance

纸和纸板 撕裂度的测定

(English Translation)

Issued on: April 30, 2026

Implemented on: November 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and definitions

Foreword

GB/T 455-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 30 April 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 November 2026.

This edition replaces GB/T 455-2002.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the China National Light Industry Council.

Classification: ICS 85.060; CCS Y 30.

1 Scope

Tearing resistance describes how well paper or board withstands the propagation of a tear, which matters for wrapping, bags, labels and many printing and packaging grades. This standard covers the determination of tearing resistance of paper and board and is a recommended national standard.

Paper manufacturers, packaging converters, printers, brand owners and testing laboratories can use it to produce comparable results across sites. Product developers who set tear-related requirements in specifications will find it useful as the method behind those requirements.

The 2026 edition was issued on 30 April 2026, takes effect on 1 November 2026 and replaces GB/T 455-2002. Laboratories, mills and customers that cite the earlier edition in their testing procedures or supply agreements should update their references and check their equipment against the revised text before the transition.