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

GB/T 43588-2023

**Paper,board and paper products-Assessment method of
recyclability**

纸、纸板和纸制品 可回收性评价方法

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Foreword

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Methods for evaluating the recyclability of paper, paperboard and paper products

1 Scope

This document describes two methods for evaluating the recyclability of paper, cardboard and paper products:

This document is applicable to paper, cardboard and paper products: Method A is

applicable to packaging paper, cardboard and paper products, and method B is applicable to printing:

or unprinted paper, cardboard and paper products:

This document does not apply to diapers, sanitary napkins and other products:

2 Normative reference documents

GB/T 450

GB/T 462

GB/T 5399

GB/T 21557-2008

GB/T 22877

GB/T 24323

GB/T 24326

GB/T 24327

GB/T 29287

3 Terms and definitions

The following terms and definitions apply to this document:

3:1 recyclability Based on common recycling standards and processes, paper, cardboard and paper products can be effectively recycled and used to produce certain grades of paper, cardboard and paper products

Product ability:

3:2 flake content flakecontent Under the conditions specified in the laboratory, the sieve residue that cannot pass through the sieve plate with a mesh diameter of 0.7mm after the sample is crushed and coarsely sieved accounts for 70% of the sieve residue taken before screening:

Percentage of sample mass:

3:3 optical homogeneity optical homogeneity The degree of unevenness visible to the naked eye on the handsheet caused by non-fibrous components (excluding dyed fibers), including but not limited to relative to the paper The surface of the page exhibits noticeable opaque impurities:

Note: Color spots, white spots, stains, transparent spots, paper defects, etc: caused by non-fibrous materials such as inks, coatings, adhesives, etc: