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

GB/T 33798-2025

Replacing GB/T 33798-2017

Bio-polyester bags on roll

生物聚酯连卷袋

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 33798-2017 "Bio-polyester bags on rolls". Compared with GB/T 33798-2017, except for the structural adjustment and In addition to logical changes, the main technical changes are as follows.

- a) Added description of bio-polyesters in the scope (see Chapter 1);
- b) "Average deviation of thickness" has been deleted (see 3.1.1 of the 2017 edition);
- c) Change "sensory" to "appearance" and "smell" (see 4.2 and 4.3, 3.2 of the 2017 edition), and change the requirements for smell (see 4.3, 3.2.2 of the 2017 edition);
- d) The technical requirements for "dart impact" of roll bags have been changed (see 4.5, 3.4 of the 2017 edition);
- e) Change "biodegradability" to "biodegradability" (see 4.6, 3.5 of the 2017 edition);
- f) "Hygiene performance" was deleted (see 3.6 of the 2017 edition);
- g) Changed the requirements for simulants in the drop test (see 5.6.1, 4.6.1 of the 2017 edition);
- h) The requirements for the leakage resistance test have been changed (see 5.6.2, 4.6.2 of the 2017 edition);
- i) The basis for determining the mass of the falling weight in the falling dart impact test has been changed (see 5.6.4, 4.6.4 of the 2017 edition);
- j) The requirements for batching have been changed (see 6.1, 5.1 of the 2017 edition);

k) The determination of non-conforming items has been changed (see 6.4.1, 5.4.1 of the 2017 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed and coordinated by the National Technical Committee for Standardization of Bio-based Materials and Degradable Products (SAC/TC380).

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The previous versions of this document and the documents it replaces are as follows.

- First published in 2017 as GB/T 33798-2017;
- This is the first revision. Bio-polyester bags on roll

1 Scope

This document specifies the product requirements, inspection rules, marking, packaging, transportation, storage, and description of bio-polyester roll bags (hereinafter referred to as roll bags).

The corresponding test methods are described.

This document is applicable to roll bags (also known as tear bags or point-break bags) produced with bio-polyester as the main raw material.

It mainly refers to biodegradable polymers containing ester bonds in the chemical structure, including but not limited to polylactic acid (PLA), polybutylene succinate (PBS), polybutylene terephthalate-adipate (PBAT), polyhydroxyalkanoate (PHA), polycaprolactone (PCL), polypropylene carbonate (PPC) and products prepared from its blended materials.

2 Normative references

GB/T 1037

GB/T 1038.1

GB/T 1040.1-2018

GB/T 1040.3-2006

GB/T 2410

GB/T 2828.1-2012

GB/T 2918

GB/T 6672

GB/T 6673

GB/T 8807

GB/T 9639.1-2008

GB/T 10006

GB/T 14216

GB/T 41010-2021

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4.1.1 Thickness limit deviation

The thickness limit deviation shall comply with the requirements of Table 1.

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