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

GB/T 16716.7-2012

**Packaging and packaging waste -- Part 7: Recoverable by
composting and biodegradation
(English Translation)**

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Foreword

GB/T 16716 Packaging and Packaging Waste can be divided into 7 parts:

- Part 1: General Rules of Disposal and Utilization;
- Part 2: Means and Program for Evaluation;
- Part 3: Prevention by Source Reduction;
- Part 4: Reuse;
- Part 5: Recoverable by Material Recycling;
- Part 6: Recoverable by Energy Recovery;
- Part 7: Recoverable by Composting and Biodegradation.

This Part is Part 7 of GB/T 16716.

This Part was drafted as per the rules specified in GB/T 1.1-2009.

This Part is consistent with EN 13432-2000 Packaging - Requirements for Packaging Recoverable through Composting and Biodegradation - Test Scheme and Evaluation Criteria

for the Final Acceptance of Packaging (English Version) in the aspect of technical content.

For ease of use, this Part has made the following editorial modifications:

- a) Change "this Standard" into "this Part";

- b) Replace the comma "," as a decimal point by a decimal point ".";
- c) Delete the Table of Contents, Foreword, Introduction and Annex Z of the European Standard;
- d) Replace "EN 13427" by "GB/T 16716.2";
- e) Replace "ISO 14851" by "GB/T 19276.1";
- f) Replace "ISO 14852" by "GB/T 19276.2";
- g) Replace "ISO 14855" BY "GB/T 19277";
- h) Replace "EN 13193" by "GB/T 23156".

This Part was proposed by and under the jurisdiction of National Technical Committee on Packaging of Standardization Administration of China (SAC/TC 49).

Packaging and Packaging Waste - Part 7:

Recoverable by Composting and Biodegradation

1 Scope

This Part of GB/T 16716 specifies the requirements for evaluating the biodegradation and composting of packaging and packaging materials, test schemes, verification of biodegradation,

disintegration determination and quality of composted products.

This Part applies to the evaluation of compostable packaging by enterprises that utilize waste

composting (including the production of biogas).

This Part does not apply to the decomposition of packaging waste in the natural environment

and various residues present in packaging.

NOTE: When some components of the package are not suitable for composting, if they can be separated

by a simple method, this Part can still be applied to the packaging.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for

the

undated documents, only the latest version (including all the amendments) is applicable to this

document.

GB/T 16716.2 Packaging and Packaging Waste - Part 2: Means and Program for Evaluation

GB/T 19276.1 Determination of the Ultimate Aerobic Biodegradability of Plastic Materials in an Aqueous Medium - Method by Measuring the Oxygen Demand in a Closed Respirometer

GB/T 19276.2 Determination of the Ultimate Aerobic Biodegradability of Plastic Materials in an Aqueous Medium - Method by Analysis of Evolved Carbon Dioxide

GB/T 19277.1 Determination of the Ultimate Aerobic Biodegradability of Plastic Materials under Controlled Composting Conditions - Method by Analysis of Evolved Carbon Dioxide - Part 1: General Method

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