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

GB/T 16716.5-2010

**Packaging and packaging waste -- Part 5: Recoverable by
material recycling**

包装与包装废弃物 第5部分：材料循环再生

(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 5 of GB/T 16716.

The technical content of this Part is equivalent to EN 13430-2004 Packaging - Requirements

for Packaging Recoverable by Material Recycling (English Version).

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

- a) Change the word "this European Standard" into "this Part";
- b) Delete the Table of Contents, Foreword, Introduction and Annex ZA of the European Standard;
- c) Replace the comma "," as a decimal point by a decimal point ".";
- d) Replace "Clauses and annexes of 94/62/EC" by "Clauses of GB/T 16716.1";

e) Replace "EN 13427" by "GB/T 16716.2";

f) Replace "CR 14311" by "GB/T 18455";

g) Replace "EN 13193" by "GB/T 23156".

The Annexes A and B of this Part are normative; while the Annex C and D are informative.

This Part was proposed by and under the jurisdiction of National Technical Committee on Packaging of Standardization Administration of China.

Drafting organization of this Part. China National Export Commodities Packaging Research Institute.

Packaging and Packaging Waste - Part 5.Recoverable by
Material Recycling

1 Scope

This Part of GB/T 16716 specifies the requirements, methods, procedures and criteria for evaluating the recyclability of packaging or packaging materials.

This Part applies to packaging or packaging materials that can be recycled in the form of material recycling.

2 Normative References

The provisions in following documents become the provisions of this Part of GB/T 16716 through reference in this Part. For dated references, the subsequent amendments (excluding

corrigendum) or revisions do not apply to this Part, however, parties who reach an agreement

based on this Standard are encouraged to study if the latest versions of these documents are

applicable. For undated references, the latest edition of the referenced document applies.

GB/T 16716.1-2008 Packaging and Packaging Waste - Part 1.General Rules of Disposal and Utilization

GB/T 16716.2-2010 Packaging and Packaging Waste - Part 2.Means and Program for Evaluation

GB/T 18455 Package Recycling Marking

GB/T 23156 Packaging - Packaging and The Environment - Terminology

CEN CR 13688-2000 Packaging - Material Recycling - Report on Requirements for Substances and Materials to Prevent a Sustained Impediment to Recycling

EN 13437-2003 Packaging and Material Recycling - Criteria for Recycling Methods - Description of Recycling Processes and Flow Chart

3 Terms and Definitions

For the purposes of this Part of GB/T 16716, the terms and definitions given in GB/T 23156,

GB/T 16716.2 and EN 13437 and the following apply.

3.1 Empty packaging

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