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

SN/T 3059-2011

**Transport packaging for dangerous goods. Recycled plastics
material**

危险货物运输包装回收塑料

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is identical with ISO 16103:2005 "Packaging of dangerous goods transport packaging recycled plastic." the standards for the technical content of the above-described method is completely the same, in a standard text format according to GB/T 1.1-2009 made editorial modify.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China Ningbo Exit Inspection and Quarantine.

Introduction

This standard is intended to provisions of the United Nations "on the Recommendations on the Transport of Dangerous Goods" as defined in recycled plastic strip necessary Member. Each batch of recycled plastics packaging design type tests should be made through mechanical tests as described.

For the international transport of dangerous goods, these recommendations by providing a range mode protocol gives the legal entity.

- Agreement on international road transport of dangerous goods (ADR);
- International Civil Aviation Organization air transport of dangerous goods transport safety technical guidelines;
- International Railway Dangerous Goods Code (RID).

For domestic transport of dangerous goods, use of this standard needs to consider more than the international covenants and national laws and regulations.

Transport of Dangerous Goods Plastic Packaging Recycling

1 Scope

This standard specifies the requirements and test methods for transport of dangerous goods packaging made from recycled plastics.

This standard applies to the transport of dangerous goods packaging with recycled plastic quality control procedures.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

1033.1 Non-plastic foam density measurement GB/T Part 1. Immersion method, liquid pycnometer method and titration method

1040.1 Plastics Determination of tensile properties GB/T Part 1. General

1040.2 Plastics Determination of tensile properties GB/T Part 2. molding and extrusion-molded plastic test conditions Determination of GB/T 3682 thermoplastic melt flow rate and melt volume rate of flow rate GB/T 4857.4 Basic tests for transport packages - Part 4. Using compression and stacking test of pressure testing machine method GB/T 22410 Plastic packaging and packaging of dangerous goods transport compatibility tests ISO 16104 packaged dangerous goods transport packaging test methods (Packaging-Transportpackagingfordangerous goods-Testmethods) UN Recommendations on the Transport of Dangerous Goods Packaging

3 Terms and Definitions

The following terms and definitions apply to this document.

Recycled plastic recycledplasticsmaterial Cleaned and can be used for processing recycled into new packaging industrial packaging plastic.

Recycled plastic batches batchofrecycledplasticsmaterials Known melt flow rate, density and tensile yield stress of the material characteristics of the material is homogeneous batch, the maximum mass of 25t.

4 Basic Program

As part of the quality assurance shall be determined and recorded characteristics of the new packaging and processing recycled plastic, and record this information in the following headings.

- a) the packaging collected;
- b) incoming inspection;
- c) Process control;
- d) a final quality control;
- e) packages mechanical tests;