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

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**Polypropylene packaging container-Guidelines for the
construction of initial screening testing methods for doped with
recycled plastic**

聚丙烯包装容器 掺杂回收塑料初筛测试方法构建指南

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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.

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 by China Light Industry Federation.

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Polypropylene packaging containers Guidance on the Construction of a Primary Screening Test Method for Adulterated Recycled Plastics

1 Scope

This document provides a test machine for the initial screening test method for adulterated recycled plastics in polypropylene (PP) packaging containers (hereinafter referred to as

"containers").

Guidance on test equipment, sample preparation, test methods, analysis of results and test reporting.

This document is applicable to the initial screening test method for recycled plastics in packaging containers processed and prepared with polypropylene resin as the main raw material Build.

This document is not applicable to the construction of preliminary screening test methods for adulterated recycled plastics in other plastics and olefin composite products.

2 Normative references

GB/T 2035-2008

GB/T 3682.1

GB/T 19466.1

GB/T 19466.3

GB/T 19466.6

3 Terms and definitions

The terms and definitions defined in GB/T 2035 and the following apply to this document.

3.1 recycled plastic

Plastics made from washed and shredded waste products.

[Source. GB/T 2035-2008, 2.825, modified]

3.2 Melt mass flow rate meltmassflowrate; MFR

Under the conditions of specified temperature, load and piston position, the extrusion rate of molten resin through a die of specified length and inner diameter is specified.

The mass extruded over time was taken as the melt mass flow rate.

Note. The unit is gram per ten minutes (g/10min).

[Source. GB/T 3682.1-2018, 3.1, modified]

3.3

A relative measure of the resistance of a stabilized material to oxidative decomposition. Determined by calorimetry at normal pressure, oxygen or air atmosphere and specified temperature.