

HJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HJ 209-2017

Technical requirement for environmental labeling products
Plastic packaging products
(English Translation)

Issued on: December 11, 2017

Implemented on: March 1, 2018

Issued by: Ministry of Environmental Protection

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Foreword

To implement the "Environment Protection Law of the People's Republic of China" and "Law of the People's Republic of China on the Prevention and Control of Environmental Pollution Caused by Solid Wastes", to effectively utilize and save resources, and to reduce the impact of plastic packaging products on environment and human health, this Standard is formulated.

This Standard puts forward the environmental protection requirements for the raw materials and the production process of plastic packaging products, product's degradation performance, bio-carbon content, printing and labelling, etc.

This Standard revises the "Technical requirement for environmental labelling products - Packaging products (HJ/T 209-2005)". The main changes are as follows.

- Adjust the Standard's name and its scope of application;
- Add the requirements for the raw material and production process;
- Adjust the requirements for the degradation index of the degradation products;
- Delete the requirements for the easy-to-recycle packaging;
- Add the requirements for the biological substrate content of the non-degradable products;

- Add the requirements for the residues of the heavy metals, polybrominated biphenyls, polybrominated diphenyl ethers and solvent in products;
- Add the requirements for the vinyl chloride and styrene monomer in products;
- Adjust the requirements for the product's labelling.

This Standard was organized-formulated by the Department of Science, Technology and Standards of the Ministry of Environmental Protection of the PRC.

The main drafting organizations of this Standard. Environment Development Centre of Ministry of Environmental Protection, The Plastic Packaging Committee of China Packaging Federation, Beijing Cultural Development Centre of Green Business AND Guangdong Chaozhou Quality & Measuring Supervision Testing Institution.

This Standard was approved by the Ministry of Environmental Protection of the PRC on December 11, 2017.

This Standard shall be implemented as of March 1, 2018.

Technical requirement for environmental
labelling products - Plastic packaging products

1 Scope of application

This standard specifies the terms and definitions, basic requirements, technical contents, and inspection methods for environmental labelling products of plastic packaging products.

This standard applies to packaging products with plastic as the main material.

2 Normative references

The provisions in following documents are referenced by this Standard. For undated documents, the valid version applies to this Standard.

GB 9681 Hygienic standard of products of polyvinyl chloride for food packaging

GB 9692 Hygienic standard for polystyrene resin used as food packaging material

GB/T 4122.1 Packaging terms - Part 1.Basic

GB/T 10004 Plastic laminated films and pouches for packaging - dry lamination and extrusion lamination

GB/T 16288 Marking of plastics products

GB/T 20197 Define, classify, marking and degradability requirement of degradable plastic

GB/T 21928 Determination of phthalate esters in food plastic packaging materials

GB/T 29649 Determining the bio-based content of bio-based materials - Liquid scintillation counters (LSC) method

HJ 2539 Technical requirement for environmental labelling products - Part 3.Gravure printing

3 Terms and definitions

The terms and definitions specified in GB/T 4122.1-2008 and the followings are applicable

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