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PEOPLE'S REPUBLIC OF CHINA**

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**Green product assessment - Consumables and accessories for
copy and print device**

绿色产品评价 复印打印设备用耗材与配件

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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 the China Machinery Industry Federation and the National Green Product Evaluation Standardization General Group.

This document is under the jurisdiction of the National Technical Committee for Standardization of Copying Machinery (SAC/TC147).

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Introduction

In today's information-based and digital office environment, copy and printing equipment has become an indispensable tool, and its consumables and accessories are The key component of equipment operation plays a vital role in the performance, efficiency and environmental impact of the equipment.

With the in-depth implementation of the concept of low carbon and sustainable development, the requirements for green consumables and accessories for copying and printing equipment are also increasing.

The green development of the industry, standardizing market behavior, improving product quality and environmental performance, and formulating a scientific, systematic and operational green product evaluation system.

The price standard is particularly urgent.

In order to meet market demand, respond to the national call for ecological civilization construction, follow the global green development trend, and promote the green development of the copying machinery industry Based on the overall framework of GB/T 33761, this paper has been developed in combination with the characteristics of consumables and accessories for copying and printing equipment.

and established a green product evaluation system.

This document is designed specifically for the technical characteristics of consumables and accessories for copy and printing equipment.

A comprehensive evaluation index system has been established to promote the design, production, use and The goal of environmental protection, energy saving and low carbon is achieved in the whole life cycle of recycling.

Five dimensions of quality attributes and low-carbon attributes ensure the scientificity and comprehensiveness of the evaluation process.

In addition, this document focuses on the scientificity, operability and practicality of the evaluation method, and adopts a method that combines quantitative evaluation with qualitative analysis.

By setting clear evaluation indicators and grading standards, it is convenient for manufacturers and consumers to The implementation of this document will help promote the technology development of the consumables and accessories industry for copy and printing equipment.

Technological innovation will improve the environmental performance and market competitiveness of products and promote the green development of the entire industry.

The formulation of this document is an important milestone in the green development of the industry and will contribute to the sustainable development of the consumables and accessories industry for copy and printing equipment.

Provide strong technical support and guarantee.

Green product evaluation for copy and printing equipment Consumables and accessories

1 Scope

This document specifies the green product evaluation requirements for consumables and accessories for copying, printing and integrated multi-function equipment, and describes the evaluation method.

This document applies to consumables and accessories for copying and printing equipment, including drum cartridges and toner cartridges for electrostatic imaging (including multi-function) equipment, inkjet Inkjet ink and inkjet cartridges for imaging (including multi-function) equipment, ribbons for dot matrix printers, thermal transfer ribbons and thermal paper for thermal imaging equipment, Ink for digital integrated quick printing machines. Consumables and accessories for other types of copying and printing equipment can be used for reference.

2 Normative references

GB/T 626

GB/T 4313

GB/T 9758.1

GB/T 9758.4

GB/T 9758.7

GB/T 13963

GB/T 18455

GB 18581

GB 18582

GB 18583

GB/T 19001

GB 19601

GB/T 23986.2

GB/T 23993

GB/T 24001

GB 24613

GB/T 26395

GB/T 28210

GB/T 28439

GB/T 29301