

ICS 37.100.20
CCS N 40



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

GB/T 21201-2007

**Dry dual-component developer for laser printer
(English Translation)**

Issued on: November 14, 2007

Implemented on: April 1, 2008

Issued by: Standardization Administration of China

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Foreword

The standard proposed by China Machinery Industry Federation.

This standard by the national copying machine Standardization Technical Committee (SAC/TC147) centralized.

Appendix A of this standard is a normative appendix.

This standard was drafted. Guidant magnetic powder Ltd. Wuxi, Canon (China) Co., Ltd., Shanghai Fuji Xerox Co., Ltd., Zhuhai days Pegasus Supplies Ltd., Guangzhou Branch of the sun Electronic Co., Ltd., Wuhan special Information Technology Co., Ltd., set up office automation machinery Preparation of Control, National Secretariat copying machine Standardization Technical Committee, Konica Minolta Business Solutions (Wuhan) Co., Ltd.

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Laser printer dry two-component developer

1 Scope

This standard specifies the monochrome laser printer dry two-component developer product classification, requirements, test methods, inspection rules and signs, including Equipment, transportation and storage.

This standard applies to black and white laser printers used positively or negatively charged dry two-component developer (referred to as the developer). Other categories Dry two-component type developer can refer adoption.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For

undated reference documents, the latest versions apply to this standard.

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Programme (ISO 2859-1:1999, IDT) GB/T 2829-2002 periodic inspection Sampling procedures and tables (suitable for process stability test) GB/T 10073-1996 xerographic image quality evaluation method product GB/T 14670-1993 Air quality styrene - Gas chromatography Dry toner caking temperature test method JB/T 8262.1-1999 xerography Dry toner charge to mass ratio test method JB/T 8262.2-1999 xerography JB/T 8262.3-1999 xerographic toner dry moisture content determination JB/T 8264.1-1999 carrier Bulk Density Determination JB/T 8264.2-1999 carrier mobility measurement method JB/T 9444-1999 copying machinery - Basic environmental test methods JB/T 10334-2002 laser printer beta (A4)

3 Terms and Definitions

The following terms and definitions apply to this standard.

The mass fraction of toner in the developer.

The toner and carrier saturation friction brought electricity. In toner charge to mass ratio, in units of $\mu\text{C/g}$.

Refill under specified conditions the measured density of the developer, in units of g/cm^3 .

Under the conditions specified by the standard time required outflow funnel 50g developer to s/50g representation.