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

GB 6161-1985

Replacing GB/T 6161-1994

**Micrographics -- ISO resolution test chart No.2 -- Description
and use**

(English Translation)

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Foreword

This standard is identical with ISO 3334:2006 "Micrographics ISO resolving power test chart No. 2 Description and use" (in English).

This standard and ISO 3334:2006 in comparison, made the following editorial changes.

--- Re-write the foreword;

Added caption referred to FIG. 3 --- Article 6.3.

This standard replaces GB/T 6161-1994 "features Micrographics test chart and No. 2 in the Micrographics application".

This standard and GB/T 6161-1994 compared to major technological changes are as follows.

--- Increasing the GB/T 1543-1988 "Determination of opacity paper", GB/T 6159.3-2003 "Micrographics - Vocabulary Part 3. film processing ", GB/T 6159.5-2000" Micrographics - Vocabulary Part V. The quality of the image can be Read and check ", GB/T 6159.6-2003" Micrographics - Vocabulary - Part 6. Equipment ", GB/T 6159.22-2000 "Micrographics - Vocabulary Part II. layout and image recording method", GB/T 12823-1991 "Photography the term density measurement, the symbol, the coordinate system and functional notation ", GB/T 17293-2008" Micrographics inspection platform Type microfilm camera system performance using standard test plate ", ISO 5-2:2001" Photography - Density measurements - Part 2. transmission density Degree geometry ", ISO 5-3:1995" Photography - Density measurements - Part 3. Spectral conditions "and ISO 5-4:1995" photo Movies - Density measurements - Part 4. Geometric conditions for reflection density "and 10 normative references;

--- Deletion of the GB/T 6160 "Micrographics Silver - gelatin type microfilm density", GB/T 6987 "microfilming Micrographics technology test negative image optical density Test target "and GB/T 12356" Micrographics 16mm flat when Desktop microfilm camera reference file with the test target characteristics and the use of "the three normative.

Appendix A of this standard is the data appendix.

This Standard Document Imaging Technology by the National Standardization Technical Committee (SAC/TC86) and focal points.

This standard was drafted. National Information Technology Standardization Technical Committee Document Imaging a club.

Introduction

The ability to record each microfilm system of alphanumeric characters or details of closely spaced lines and the like are different. This standard specifies a given Microfilm cameras, photographic materials and processing technology composition measurement capability of copying images detail microfilm system, which can be applied to define and control of image quality.

Since the microfilm system capable of operating in a state close to the limit of readability, the resolving power tests provide security measures to prevent information loss Shi, but other factors also affect the overall quality microfilm images.

This standard describes the ISO test chart No. 2 Resolving power Resolving power measurement method, and Figure 1 and Figure 2 shows the test patterns and Test pattern arrangement.

GB/T 6161-2008/ISO 3334:2006 Micrographics Description ISO No. 2 force resolution test chart its Applications

1 Scope

This standard specifies the microform by measuring the size of the smallest details can be identified to determine the resolving power of the method. This standard gives a test chart Sample No. 2 and ISO resolving power test chart, and gives expression resolving power of the method.

ISO resolving power test chart No. 2 for use as part of the test target, like other standards related to microfilming technology required that.

This standard applies to determine the cameras, film and processing technology consisting of microfilming systems and resolving power produced by such systems Microform achieved resolving power. In the latter case, it is not suitable for determining the reader, a reader-printer or computer output microform Resolving power (COM) imaging system.

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 321-2005 priority number and priority number system (ISO 3. 1973, IDT) GB/T 1543-2005 Paper and paperboard opacity (paper backing) measurement (diffuse reflectance method) (ISO 2471:1998, MOD) GB/T 6159.1-2003 Micrographics - Vocabulary - Part 1. General terms (ISO 6196-1:1993, MOD) GB/T 6159.3-2003 Micrographics - Vocabulary - Part 3. film processing (ISO 6196-3:1997, MOD) GB/T 6159.4-2003 Micrographics - Vocabulary - Part 4. Materials and packaging (ISO 6196-4:1998, MOD) GB/T 6159.5-2000 Micrographics - Vocabulary Part V. image quality, readability and inspection (eqv6196-5.

1987)

GB/T 6159.6-2003 Micrographics - Vocabulary - Part 6. Equipment (ISO 6196-6:1993, MOD) GB/T 6159.22-2000 Micrographics - Vocabulary Part II. and methods of recording images (eqv6196-2.

1993)

GB/T 12823-1991 term photographic density measurements, symbols, coordinate and function notation (neq ISO 5-1. 1984) GB/T 17293-2008 Micrographics inspection platform microfilm camera system performance using standard test plate (ISO 10500.

1994, MOD)

ISO 5-2:2001 Photography - Density measurements - Part 2. Geometric conditions for transmission density ISO 5-3:1995 Photography - Density measurements - Part 3. Spectral conditions ISO 5-4:1995 Photography - Density measurements - Part 4. Geometric conditions for reflection density

3 Terms and Definitions

GB/T 6159.1-2003, GB/T 6159.3-2003, GB/T 6159.4-2003, GB/T 6159.5-2000, GB/T 6159.6-2003, terms and definitions GB/T 6159.22-2000 and GB/T 12823-1991 established applicable to this standard.

GB/T 6161-2008/ISO 3334:2006