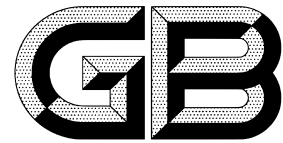


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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 7568.2-2008

Replacing GB 7565-1987

**Textiles - Tests for color fastness - Standard adjacent fabrics -
Part 2: Cotton and viscose**

纺织品 色牢度试验 标准贴衬织物 第 2 部分：棉和粘胶纤维

Issued on: August 6, 2008

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**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;
Standardization Administration Committee..**

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Foreword

- Part 1: Specification for wool adjacent fabric;
- Part 2: Cotton and viscose;
- Part 4: Specification for polyester adjacent fabric;
- Part 5: Specification for acrylic adjacent fabric;
- Part 6: Specification for silk adjacent fabric;

This Part referred to ISO/DIS 105-F02:2008 "Textiles -- Tests for color fastness -- Part F02: Specification for cotton and viscose adjacent fabrics" (English version). It is a revision to GB 7565-1987 "Textiles - Tests for color fastness - Specification for STANDARD adjacent fabric - Cotton and viscose".

This Part replaces GB 7565-1987 "Textiles - Tests for color fastness - Specification for STANDARD adjacent fabric - Cotton and viscose". Compared with GB 7565-1987, the main changes in this Part are as follows:

fabrics - Part 2: Cotton and viscose";

modified it from mandatory standard to recommended standard;

when making a cotton dyed base fabric, the dye dyed was changed from "Direct Blue 1" to "Direct Blue 71";

the mass per unit area of cotton adjacent fabric was changed from "(105±5) used spectrophotometric colorimeter instead of reflective whiteness meter to determine the whiteness; the whiteness values of cotton fabrics and Chinastandards.org viscose fabrics were changed from "70±5" to "Y10=89±2; W10=80±3; Tw,10=-1±1" and "Y10=85±5.0; W10=75±6.0; Tw,10=-1±1.2", and added requirements for the number of folded layers in the fabric;

the staining performance index of the adjacent fabrics was changed from "the stain of the base adjacent fabric and the testing adjacent fabric, the difference of the number of stages shall be no more than half level" to "the color difference shall be no less than level 4~5"; and added that using the instrumental rating method to perform the evaluation of stained adjacent fabric and base adjacent fabric after staining;

This Part was proposed by China Textile Industry Association.

This Part shall be under the jurisdiction of Subcommittee on Base of National Technical Committee on Textiles of Standardization Administration of China (SAC/TC 209/SC 1).

The drafting organization of this Part: Shanghai Textile Industry Technical Supervision Office.

Main drafters of this Part: Chen Xiaocheng, Zhang Zhifeng.

Version of standard substituted by this Part is:

1 Scope

This Part of GB/T 7568 specifies the specification and requirements for the evaluation of stained undyed cotton and viscose standard adjacent fabrics in textile color fastness tests.

The staining properties of the cotton and viscose fiber adjacent fabrics are determined by comparison with cotton and viscose fiber adjacent fabrics with cotton dyed base fabrics.

2 Normative references

The following standards contain the provisions which, through reference in this Part of GB/T 7568, constitute the provisions of this Part. For dated references, subsequent amendments (excluding corrections) or revisions do not apply to this Part. However, the parties who enter into agreement based on this Part are encouraged to investigate whether the latest versions of these documents are applicable. For undated reference documents, the latest versions apply to this Part.

3 Materials

3.1 Cotton testing adjacent fabric, meeting the requirements of 4.1.

3.2 Cotton base adjacent fabric, meeting the requirements of 4.1.

3.3 Cotton dyed base fabric, meeting the requirements of 4.1 and using C.I. Direct Blue 71 to dye.

After the test according to the test procedure of 5.2, the staining of the adjacent fabric is evaluated using the gray scale card specified in GB/T 251 or the instrument rating method of the smudge degree of the adjacent fabric specified in FZ/T 01023. The staining of cotton base adjacent fabric is controlled at Level 3. The staining of viscose fiber adjacent fabric is controlled at Level 3~4.

3.4 Testing viscose fiber adjacent fabric, meeting the requirements of 4.2.

3.5 Viscose fiber base adjacent fabric, meeting the requirements of 4.2.

4 Specifications of adjacent fabrics

4.1 Specifications of cotton adjacent fabrics

The color measurement conditions containing specular reflection light shall be used in accordance with GB/T 8424.1 when performing the measurement, except the 0/45 (45/0) geometry spectrophotometer. The brightness value (Y₁₀), the whiteness value (W₁₀) and the light tone index (TW₁₀) shall be calculated according to GB/T 8424.2 using the CIE