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# NATIONAL STANDARD OF THE

# PEOPLE'S REPUBLIC OF CHINA

# GB/T 8434-2013

Replacing GB/T 8434-1998

## Textiles -- Tests for colour fastness Colour fastness to milling: Alkaline milling

纺织品 色牢度试验 耐缩呢色牢度：碱性缩呢

**(English Translation)**

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## Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 8434-1998 "Textiles Tests for color fastness Colour fastness to milling. Alkaline milling", and GB/T 8434-the main changes compared to 1998 are as follows.

--- Range, the alkali process is divided into weight reduction does shrink it and shrink it light, and provides light to milling process can be used for light and medium weight wool or containing Taking wool fabric;

--- Normative references added GB/T 6682, FZ/T 01023, FZ/T 01024, SDC, delete the GB/T 6151-1997, the GB 7564 ~ 7568 and GB 11403 ~ 11404 adjusted to GB/T 7568.1 ~ GB/T 7568.7;

--- Add optional method of instrument rating;

--- Chapter 4 standard original resolution of this standard in Chapters 4 and 5, followed by chapters postponed;

--- Chapter 4 Instrument to add a "spectral color measurement instrument" and "Analytical balance";

--- Chapter 5 materials and reagents added to "cut it solution B (light condensing it)"; "control standard" with control samples, and "posted by Mao standard Preparation of lining fabric "to" prepared by the serge fabric ";

--- Table 1 when the first block adjacent fabric polyester fibers and polyacrylonitrile fibers, and a second block by the "wool" to "wool or cotton";

Preparation --- Chapter 6 fabric composition of the sample, requested by the "stitched along a short side" to "stitched along the four sides", and adds and cut again Kind of tolerance is ± 2mm;

--- Chapter 7 procedures adds light to milling program (B);

--- Chapter 8 test report increases in c), requires g) h) items items and the like.



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This standard uses redrafted law revision using ISO 105-E12.2010 "Textiles - Tests for color fastness - Part E12. resistance to shrink it Color fastness. Alkaline milling "(in English). This standard and ISO 105-E12.2010 main differences are as follows.

--- Deleted international standards in the preface;

--- Normative references in international standards replace the corresponding national standards and industry standards;

--- Table 1 adds "the first piece of linen, wool second block is" and "is the first piece of acetate fibers, wool is the second";

--- The clause 7.1.5 of "wash 10min" was changed to "to wash and clean." the standard proposed by China Textile Industry Association.

The standard basis by the National Textile Standards Technical Committee of Standardization Technical Committee (SAC/TC209/SC1) centralized.

This standard drafting of the main unit. Textile Industry Standardization Institute, Beijing Woolen Textile Science Institute, Shanghai Institute of Science and Technology and linen textiles Studies, Shanghai textile industry technical supervision.

## 1 Scope

This standard specifies the determination of wool or wool-containing textiles resistant to alkali reduction process does Confetti and sodium carbonate solution (weight shrink it) or solvent resistant Confetti Liquid (light condensing it) Testing method for color fastness.

Light to milling process can be used for light and medium weight wool or wool-containing fabrics taking.

## 2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 250 textile color fastness test assessing change in color like the gray card (GB/T 250-2008, ISO 105-A02.1993, IDT) GB/T 251 Textiles Tests for color fastness Grey scale for assessing staining card (GB/T 251-2008, ISO 105-A03.1993, IDT) GB/T 6682 analytical laboratory use specifications and test methods (GB/T 6682-2008, ISO 3696. 1987, MOD) GB/T 7568.1 Textiles Tests for color fastness Wool adjacent fabric specifications (GB/T 7568.1-2002, ISO 105-F01.

2001, MOD)

GB/T 7568.2 Textiles Tests for color fastness standard adjacent fabrics - Part 2. cotton and



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viscose fiber (GB/T 7568.2-2008, ISO 105-F02.2008, MOD) GB/T 7568.3 Textiles Tests for color fastness standard adjacent fabrics - Part 3. polyamide fiber (GB/T 7568.3-2008, ISO 105-F03.2001, MOD) GB/T 7568.4 Textiles Tests for color fastness polyester adjacent fabric specifications (GB/T 7568.4-2002, ISO 105-F04.2001, MOD) GB/T 7568.5 Textiles Tests for color fastness polyacrylonitrile fabric lining specifications for standard (GB/T 7568.5-2002, ISO 105-F05.2001, MOD) GB/T 7568.6 Textiles Tests for color fastness for silk lining fabric specifications (GB/T 7568.6-2002, ISO 105-F06.2000, MOD) GB/T 7568.7 Textiles Tests for color fastness standard adjacent fabrics - Part 7. multi-fiber (GB/T 7568.7-2008, ISO 105-F10. 1989, MOD) FZ/T 01023 degree of staining of adjacent fabrics instrument rating method (FZ/T 01023-1993, neqISO 105-A04. 1989) FZ/T 01024 discoloration degree of sample instrument rating method (FZ/T 01024-1993, neqISO 105-A05.1992) SDC International Colour Index (4th edition) Principle 3 Sample and two single fiber stickers lining or with more than one fiber paste lining bonded together, plus a ball into the soap flakes and sodium carbonate solution (weight reduction



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