

ICS 59.080.60

CCS W 56



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

GB/T 47235-2026

Textile floor coverings - Colour fastness to shampooing

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(English Translation)

Issued on: February 27, 2026

Implemented on: September 1, 2026

Issued by: State Administration for Market Regulation

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is modified to adopt ISO 18168:2015 "Carpets - Color fastness to detergent".

The technical differences between this document and ISO 18168:2015, and the reasons therefor, are as follows.

---A diagram of the experimental setup has been added (see 5.1) to more clearly illustrate the structure of the experimental setup;

---The temperature of the constant temperature chamber was changed from $(40\pm 2)^{\circ}\text{C}$ to $(37\pm 2)^{\circ}\text{C}$ (see 5.2.4) to meet the temperature requirements of subsequent test sections.

Maintain consistency;

---A device for heating the detergent (see 5.2.6) has been added to ensure the detergent dissolves;

---The water requirements for preparing detergents have been changed (see 5.3) to comply with my country's technical requirements;

---The normative reference GB/T 6682 (see 5.3) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 6151 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 7568.1 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 7568.2 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 7568.3 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 7568.4 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 7568.5 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 7568.6 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 7568.8 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 7568.7 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 13765 (see 5.4) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 250 (see 5.5) has been added to adapt to my country's technical conditions;

---The normative reference GB/T 251 (see 5.5) has been added to adapt to my country's technical conditions;

---The normative reference to ISO 2424 has been removed to accommodate my country's technical conditions;

---The requirements for the lining fabric have been changed (see 5.4) to suit our country's technical requirements;

---Change the interfacing size to 100mm x 40mm (see 5.4.1). When selecting the interfacing fabric, ISO 18168:2015 requires...

Two 50mm x 40mm single-fiber liner pieces are needed, one of which will be used as a support, but the final sample preparation size will be...

It measures 100mm x 40mm; two 50mm x 40mm monofiber linings cannot cover it.

---The requirements for gray cards have been changed (see 5.5) to comply with my country's technical requirements;

---The sample preparation method for multi-fiber lining fabrics has been added (see Chapter 6), which is consistent with the color fastness testing of textiles and makes the test more...

comprehensive;

--- Changing "sew along both sides" to "sew along all four sides" (see 6.4) carries the risk of loose fibers or tufts falling out when sewing along both sides;

---The test report now includes a section specifying the type of detergent and operating procedures (see Chapter 8). The document includes two types of detergents and the two operating procedures are different, and the test results are not the same.

The following editorial changes have been made to this document.

---References have been removed.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China National Light Industry Council.

This document is under the jurisdiction of the National Technical Committee on Standardization of Arts and Crafts (SAC/TC150).

1 Scope

This document describes the test methods for the color fastness to detergents of carpets, carpet yarns, loose fibers and pile.

This document applies to the testing of the colorfastness to detergents of carpets, carpet yarns, loose fibers and pile.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies.

This document.

GB/T 250 Textiles - Tests for color fastness - Assessment of color change - Gray scale (GB/T 250-2008, ISO 105-A02) 1993, IDT) GB/T 251 Textiles - Tests for color fastness - Assessment of staining - Gray scale (GB/T 251-2008, ISO 105-A03) 1993, IDT) GB/T 6151 General Rules for Tests on Colorfastness of Textiles (GB/T 6151-2016, ISO 105-A01.2010, MOD) GB/T 6682 Specifications and test methods for water used in analytical laboratories (GB/T 6682-2008, ISO 3696:1987, MOD) GB/T 7568.1 Textiles - Tests for color fastness - Specifications for woolen lining fabrics (GB/T 7568.1-2002, ISO 105-F01.

2001, MOD)

GB/T 7568.2 Textiles - Tests for color fastness - Interlining fabrics - Part 2: Cotton and

viscose fibers GB/T 7568.3 Standard for testing color fastness of textiles - Interlining fabrics - Part 3: Polyamide fibers (GB/T 7568.3-2008, ISO 105-F03.2001, MOD) GB/T 7568.4 Textiles - Tests for color fastness - Specifications for standard polyester lining fabrics (GB/T 7568.4-2002, ISO 105-) F04.2001, MOD) GB/T 7568.5 Textiles - Tests for color fastness - Specifications of standard polyacrylonitrile lining fabrics (GB/T 7568.5-2002) ISO 105-F05.2001, MOD) GB/T 7568.6 Textiles - Tests for color fastness - Standard specifications for yarns used in lining fabrics (GB/T 7568.6-2002, ISO 105-F06) 2000, MOD) GB/T 7568.7 Textiles - Tests for color fastness - Interlining fabrics - Part 7: Multifibers (GB/T 7568.7-2008, ISO 105-F10.1989, MOD) GB/T 7568.8 Standard for testing color fastness of textiles - Interlining fabrics - Part 8: Diacetate fibers (GB/T 7568.8-2014, ISO 105-F07.2001, MOD) GB/T 13765 Textiles - Tests for color fastness - Specifications for standard linen and ramie lining fabrics

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.