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

GB/T 46395-2025

**Textiles - Test method for assessing the matting appearance of
napped fabrics after cleansing**

纺织品 评定绒类织物经洗涤后外观毡化的试验方法

(English Translation)

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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 16847:2025 "Textiles - Test method for assessing felting appearance of pile fabrics after washing".

This document has undergone the following structural adjustments compared to ISO 16847:2025.

---3.1 corresponds to 3.2 of ISO 16847:2025;

---5.2 corresponds to sections 5.2~5.4 of ISO 16847:2025;

---7.6~7.10 correspond to 7.7~7.11 of ISO 16847:2025.

The technical differences between this document and ISO 16847:2025, and the reasons therefor, are as follows.

---The way the scope is expressed has been changed, and a description of "pile fabrics" has been added (see Chapter 1);

---ISO 105-A03 has been replaced by GB/T 251 (see 5.2); ISO 139 has been replaced by GB/T 6529 (see 7.3);

GB/T 8629 replaced ISO 6330 (see 5.1, 7.1); GB/T 19981 replaced ISO 6330 (see 5.1, 7.1).

---The wording in Chapter 4 has been revised, the content simplified, and it is now more in line with Chinese expression habits (see Chapter 4);

---The requirement of "observation panel surface illuminance greater than 600 lx" has been added to align with relevant Chinese standards (see 5.2);

---The example content has been deleted (see section 5.3 of ISO 16847:2025);

---The phrase "Rating shall be performed in accordance with steps 7.7 to 7.11" has been removed. (See 7.6 of ISO 16847:2025);

---Added the clause "If the sample is not uniformly felted after washing, it should be rated according to the areas with severe felting" for the purpose of standard application (see 7.8);

---Added. "If the difference between a single test result and the median value exceeds half a grade, the grade of each sample should be reported simultaneously. For example, both positive and negative samples..." "The two sides of the sample that need to be rated are evaluated independently", which is consistent with the relevant Chinese standards and facilitates the use of the standard (see Chapter 8).

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 Textile and Apparel Council.

This document is under the jurisdiction of the National Technical Committee on Standardization of Textiles (SAC/TC209).

1 Scope

This document describes a test method for assessing the felting appearance of pile fabrics (pile fabrics) after one or more washes.

This document primarily applies to the washing procedures specified in GB/T 8629, GB/T 19881, or ISO 15979. Other washing procedures can be found by referring to [the relevant documentation].

use.

Note: Fleece fabrics are fabrics with raised fibers on the surface, such as. velvet, artificial fur, velvet, suede, flannel, etc.

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 251 Textiles - Tests for color fastness - Assessment of staining - Gray scale (GB/T 251-2008, ISO 105-A03) 1993, IDT) GB/T 6529 Standard atmosphere for conditioning and testing of textiles (GB/T 6529-2008, ISO 139:2005, MOD) GB/T 8629 Textiles - Testing - Household washing and drying procedures (GB/T 8629-2017, ISO 6330:2012, MOD) GB/T

19981 (All Parts) Textiles-Professional care, dry cleaning and wet cleaning of fabrics and garments [ISO 3175 (All Parts)] Note. GB/T 1998 1.1 Textiles - Professional care, dry cleaning and wet cleaning of fabrics and garments - Part 1: Evaluation of performance after cleaning and ironing (ISO 3175-1:2010, MOD);

GB/T 1998 1.2 Textiles - Professional care, dry cleaning and wet cleaning of fabrics and garments - Part 2: Performance of dry cleaning and ironing with tetrachloroethylene Test procedures (ISO 3175-2:2010, MOD);

GB/T 19981.3 Textiles - Professional care, dry cleaning and wet cleaning of fabrics and garments - Part 3: Performance of dry cleaning and ironing using hydrocarbon solvents Test procedures (ISO 3175-2:2003, IDT);

GB/T 19981.4 Textiles - Professional care, dry cleaning and wet cleaning of fabrics and garments - Part 4: Performance tests using simulated wet cleaning and ironing the verification procedure (ISO 3175-2:2003, IDT).

3 Terms and Definitions

The following terms and definitions apply to this document.

matting

The fibers extending from the surface of the napped fabric become entangled and arranged in a disordered manner, resulting in visible surface changes. See Figure 1.

[Source. GB/T 4802.4-2020, 3.5]