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

GB/T 19980-2025

**Textiles - Method for assessing appearance of textile products
after domestic washing and drying**

纺织品纺织产品经家庭洗涤和干燥后外观的评价方法

(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 19980-2005 "Appearance of textile garments and other textile final products after domestic washing and drying" Compared with GB/T 19980-2005, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- Changed the scope of application (see Chapter 1, Chapter 1 of the 2005 edition);
- Deleted the term and definition of "durable press" (see 3.4 of the 2005 edition);
- Added light source illumination requirements (see Chapter 5);
- Changed the method of sample preparation (see Chapter 6, Chapter 6 of the 2005 edition);
- Added a list for qualitative evaluation of appearance changes (see 7.4.1);
- Added evaluation procedures for pilling, felting, discoloration and staining, and garment twisting (see 7.8, 7.9).

This document is modified to adopt ISO 15487:2018 "Appearance of textile garments and other textile final products after domestic washing and drying" Evaluation Methods.

This document has the following structural adjustments compared to ISO 15487:2018.

- Chapter 6 corresponds to 6.1 and 6.2 in ISO 15487:2018;
- 7.4.1 corresponds to 7.4.3 in ISO 15487:2018, and 7.4.2 corresponds to 7.4.4 in ISO 15487:2018;
- Appendix A corresponds to Appendix B of ISO 15487:2018.

The technical differences between this document and ISO 15487:2018 and their reasons

are as follows.

- Changed some contents in the scope, simplified the text description, and expanded the scope of application of the standard (see Chapter 1);
- GB/T 251 replaces ISO 105-A03 (see 5.2, 7.9.2); GB/T 6529 replaces ISO 139 (see 7.2);
- GB/T 8629 replaces ISO 6330 (see Chapter 4, 5.1, 7.1); GB/T 23319.3 replaces ISO 16322-3 (see 7.10);
- Added references to GB/T 250 (see 7.9.2) and GB/T 23319.2 (see 7.10);
- Added the requirement that the illumination of the observation plate surface is greater than 600lx and the general requirements for appearance inspection (see 5.2);
- Replaced unclear examples in international standards to facilitate standard implementation (see Chapter 5);
- It is clarified that 4 samples are required for sample preparation, 1 as a control sample and the remaining 3 as washing test samples to facilitate the implementation of the standard (see Chapter 6);
- Added other methods that can achieve the same effect to treat the edge of the sample to prevent the sample from loosening during the test (see Section 6 chapter);
- Deleted Figure 7 to comply with the domestic rating method (see Chapter 7 of ISO 15487:2018);
- Added observation content of pleat appearance to facilitate operation (see 7.4.1);
- Added Level 2 and Level 4, which can also be expressed as an intermediate level between two integer levels to adapt to the rating habits of domestic laboratory personnel Habit (see 7.4.2);
- Change the content of 7.11.5 to note, which is more in line with domestic expression habits (see Chapter 7).

The following editorial changes were made to this document.

- Change the name of the standard to "Method for evaluating the appearance of textile products after domestic washing and drying";
- Deleted the ISO and IEC terminology databases in "Terms and Definitions";
- Deleted the informative Appendix A "Examples of Appearance Evaluation of Textile Products".

1 Scope

This document describes methods for evaluating the appearance of textile products after one or more home laundering and drying.

This document applies to washable textile products and does not include the evaluation of processing technology for seams and pleats.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 250 Textiles - Tests for colour fastness - Grey scale for assessing colour change (GB/T 250-2008, ISO 105-A02.

1993,IDT)

GB/T 251 Textiles - Tests for colour fastness - Grey scale for assessing staining (GB/T 251-2008, ISO 105-A03.

1993,IDT)

GB/T 6529 Standard atmospheres for conditioning and testing textiles (GB/T 6529-2008, ISO 139:2005, MOD) GB/T 8629 Domestic washing and drying procedures for textile testing (GB/T 8629-2017, ISO 6330:2012, MOD) GB/T 23319.2 Determination of skewness of textiles after washing Part 2: Woven and knitted fabrics (GB/T 23319.2-2009,ISO 16322-2:2005,IDT) GB/T 23319.3 Determination of skewness of textiles after washing Part 3: Woven garments and knitted garments (GB/T 23319.3-2010,ISO 16322-3:2005,IDT)

3 Terms and definitions

The following terms and definitions apply to this document.

Appearance

The overall visual impression of a textile product obtained by comparison with a control or standard sample.

Crease retention

A quantitative visual impression of pleat retention is obtained by comparison with a standard sample.

Seam smoothness

A quantitative visual impression of the smoothness of the joint is obtained by comparison with a standard sample.

Smoothness appearance A quantitative visual impression of the flatness of a specimen is obtained by comparison with a standard sample.

dryer crease

Sharp creases or irregular line creases on the specimen after washing or drying.

NOTE: Drying creases are undesirable creases caused by restricted movement of the specimen in a washing machine or dryer.