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**TEXTILE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

FZ/T 60029-2021

Test method for fluff shedding of blanket

毛毯脱毛测试方法

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Principle
- 5 Instruments and utensils
 - 5.1 Hair removal tester
 - 5.2 Brush

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 of Standardization Documents" Drafting.

This document replaces FZ/T 60029-1999 "Test Method for Felt Depilation", compared with FZ/T 60029-1999, except for editorial changes in addition, the main technical changes are as follows.

- Modified the scope of application (see Chapter 1, Chapter 1 of the 1999 edition);
- Added normative reference documents (see Chapter 2);
- Deleted "brush area" and "brush holder pressure" and "tweezers" in the instruments and appliances (see 4.1.4, 4.1.6, 4.8 in the 1999 edition);
- Increase the size deviation of the instrument and equipment, adjust the specification and deviation and the expression of the instrument accuracy (see Chapter 5, 1999 edition Chapter 4);
- Modified the standard atmosphere for humidity control and testing (see Chapter 6, Chapter 5 of the 1999 edition);
- Modified the "sample" (see Chapter 7, Chapter 6 of the 1999 edition);
- Modified and adjusted the "Test Technical Regulations" and "Operation Procedures" (see Chapter 8, Chapter 7 and Chapter 8 of the 1999 edition);
- Adjusted and revised "experimental result display" and "calculation" (see Chapter 9, Chapter 9 and Chapter 10 of the 1999 edition);

---Modified the formula for calculating the amount of hair removal (see Chapter 9, Chapter 9 of the 1999 edition);

---Appendix A was deleted, and the content was adjusted to Chapter 5 of the main text;

---Adjust Appendix B to Appendix A;

---Appendix C and Appendix D have been deleted.

This document was proposed by the China National Textile and Apparel Council.

This document is under the jurisdiction of the Wool Textile Subcommittee of the National Textile Standardization Technical Committee (SAC/TC209/SC3).

Drafting organizations of this document. Shandong Shenghao Home Textile Co., Ltd., Beijing Wool Textile Research Institute Inspection Center, Beijing Textile Metrology and Energy Saving Technology development center.

1 Scope

This document specifies the test method for the amount of hair removal of felt products.

This document is applicable to the testing of the amount of depilation of blankets.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 6529 Standard atmosphere for textile humidity control and testing GB/T 8170

Numerical rounding rules and the expression and determination of limit values

3 Terms and definitions

The following terms and definitions apply to this document.

Amount of fluff shedding Under the specified conditions, the amount of fiber falling off per 100cm² of the sample rubbed with the brush.

4 Principle

Under the specified conditions, after a certain number of brushings between the brush and the carpet surface, weigh and calculate the amount of hair removal of the sample.

5.1 Hair removal tester

5.1.1

The brush of the depilation tester is mechanically driven, making linear and curved motions, and brushing in one direction.

5.1.2

Brush stroke. (270 ± 2) mm.

5.1.3

Brush reciprocating speed. 26 times/min.

5.1.4

The weight of the brush holder. (1090 ± 2.5) g.

5.2 Brush

5.2.1

The specification of the brush plate. 100mmx76mmx11mm.

5.2.2

Tufting area. (74 ± 2) mmx (52 ± 2) mm.

5.2.3

Aperture of planting hair. $\phi=4$ mm.

5.2.4

Tufting hole distance. 6mm (longitudinal) x 5.84mm (horizontal).

5.2.5

The number of hair transplanted per hole is about 160.