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

FZ/T 60008-2019

Test method for non-recoverable extension of blanket

毛毯非可复性伸长试验方法 清晰版

(English Translation)

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Foreword

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

This standard replaces FZ/T 60008-1992 "Test Method for Non-recoverable Elongation of Blankets", which is the main technology compared with FZ/T 60008-1992 the surgical changes are as follows.

- Modified the scope of application;
- Modified the name of the normative reference file;
- Modified the precision requirements of the constant velocity elongation tensile testing machine;
- Modified the standard atmosphere for humidity control and testing;
- Modified the operating procedures;
- Combine the contents of the original standards 7.2.1 and 7.2.2 into 7.2;
- Deleted the calculation formula of non-retractable elongation L;
- Adjust the content of Chapter 10 of the original standard to Chapter 8 and Chapter 9;
- Removed Appendix B.

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

This standard is under the jurisdiction of the National Textile Standardization Technical Committee Woolen Textile Branch (SAC/TC209/SC3).

1 Scope

This standard specifies the test method for the non-retractable elongation of felt.

This standard applies to woven blankets, other wool woven fabrics can be implemented by reference.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article Pieces. For the cited documents without date, the latest version (including all amendments) applies to this document.

GB/T 6529 Standard atmosphere for humidity control and testing of textiles GB/T 8170 Numerical Rounding Rules and Representation and Judgment of Limit Values GB/T 16825.1 Inspection of static uniaxial testing machine Part 1. Inspection and testing of tensile and/or compression testing machine force measurement system calibration

3 Principle

The sample is stretched to the specified load at an equal speed, and then returned to the starting point at the same speed. This is repeated three times.

Under load conditions, after a certain period of time, the length is measured and compared with the original length to obtain the degree of non-recoverable elongation.

4 Equipment and supplies

The test equipment and supplies shall meet the following requirements.

a) Constant speed elongation (CRE) tensile testing machine.

1) The test machine must have a load setting automatic stop device, the gripper stretching and returning speed is 500mm/min, and the accuracy is $\pm 2\%$.

2) Clamp. The clamping surface of the testing machine should be 75mm x 25mm, the jaw line of the clamp should be perpendicular to the tension line, and the clamping surface should be flat it is smooth and smooth. When the sample is clamped by the flat clamp and the sample cannot be prevented from slipping, the clamp with groove or engraved surface can be used.

3) Accuracy. It should meet the level 1 requirements specified in GB/T 16825.1. At any point within the full range of the instrument, indicate or record the most Vigorous error should not exceed $\pm 1\%$, and the error of indicating or recording clamp spacing should not exceed $\pm 1\text{mm}$.

b) Steel ruler ($d = 1\text{mm}$), colored dip pen or needle thread.

5 Atmosphere for humidity control and testing

The atmosphere for pre-conditioning, humidity adjustment and testing shall be implemented in accordance with the standard atmospheric regulations in GB/T 6529.

6 Sampling

The samples are collected according to the sampling method specified in the product standard or the method agreed by the relevant parties.