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

FZ/T 21001-2019

**Domestically-carded top with imported wool
(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 21001-2009 "Self Combing Outer Tops". Compared with FZ/T 21001-2009, the main technical changes are as follows.

- Modified normative references (see Chapter 2, Chapter 2 of the 2009 edition);
- Delete the table 1 sub-file requirements (see the 2009 version of Table 1);
- Modify the average fineness range of each file's fineness specifications (see Table 1, Table 2, 2009 version of Table 2, Table 3);
- Modify the fineness variation coefficient, weighted average length, variation coefficient, short hair rate and weight of 30mm and below in the rating evaluation table Technical requirements for unevenness of volume (see Table 1, Table 2 of the 2009 edition);
- Modify the technical requirements of the wool particles and heterochromatic wool in the grade evaluation table 2 (see Table 2, Table 3 of the 2009 edition);
- Increased the assessment requirements for alkylphenol polyoxyethylene ether (see 4.3.3);
- Modified the test method of length and moisture regain (see 5.2, 5.1 in 2009 edition);

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 terms and definitions, technical requirements, test methods, inspection rules, packaging and marking of self-combing outer tops.

This standard is applicable to identify the quality of self-combing outer wool tops.

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 3291.1 Textile properties and test terms of textile materials. Part 1. Fibers and yarns
GB/T 3291.3 Textile properties and test terms of textile materials Part 3. General GB/T 6500 Plush fiber moisture regain test method oven method GB/T 8170 Numerical Rounding Rules and Representation and Judgment of Limit Values GB/T 10685 wool fiber diameter test method projection microscope method GB/T 21293 Determination of fiber length and distribution parameters Almitter method GB/T 23322 Determination of surfactants for textiles GB/T 24443 wool tops, washing hair defects and weight test method FZ/T 20002 Determination of oil content of wool textiles

3 Terms and definitions

The terms and definitions defined in GB/T 3291.1 and GB/T 3291.3 apply to this document.

4.1 Binning requirements

4.1.1

The outer wool tops of self-combing are divided into grades according to the fineness of wool, and the specifications are expressed as 13.5 μ m, 14.5 μ m, 15.5 μ m, etc.

Example. Fineness specification 14.5 μ m means that the average fineness range is between 14.1 μ m ~ 15.0 μ m.

4.1.2

When the average fineness of the tops does not meet its specified index range, it should be lifted according to its corresponding fineness.

4.2 Grading requirements

4.2.1

The products of self-combed outer wool tops, etc., are comprehensively evaluated according to their physical indicators and the inspection results of appearance defects, and

the lowest item among them is evaluated, etc.

The grade is divided into two grades, one and two, and the second grade is the second grade.

4.2.2

The unit weight of the tops and the tolerance of the unit weight are the guarantee conditions of the manufacturer. Those who do not meet the requirements should be dealt with foreign products. Supply and demand it can only be carried out in accordance with the contract, if not specified, it shall be executed according to Table 1.

4.2.3

Equivalent indicators include the fineness variation coefficient of the top, the weighted average length, the length variation coefficient, the short hair rate and weight of 30mm and below Unevenness and appearance defects (hair particles, flakes, grass clippings, heterochromatic hair), the lowest product among them is used as the batch of self-combed outer wool tops.