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

FZ/T 22001-2021

Worsted wool woven yarn

精梳机织毛纱

(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 of Standardization Documents" Drafting.

This document is based on FZ/T 22001-2010 "Combed Wool Yarn" and integrates FZ/T 22006-2012 "Ultra High Count Combed Wool Compared with FZ/T 22001-2010, part of the content of "Weaving Yarn", the main technical changes are as follows.

- Modified the normative reference documents (see Chapter 2, Chapter 2 of the 2010 edition);
- The classification regulations have been revised (see 4.2, 3.2 in the 2010 edition);
- Modified the classification requirements for high-count yarn, medium-count yarn and low-count yarn (see 4.3.2, Appendix A.2 of the 2010 edition);
- Added the classification requirements and physical index requirements for ultra-high count yarns (see 4.3.2, Table 1);
- Modified the lining regulations for color fastness (see Table 2, Table 2 of the 2010 edition);
- Modified the index requirements for light fastness and rubbing fastness (see Table 2, Table 2 of the 2010 edition);
- Canceled the assessment requirements for color fastness to ironing (see Table 2 of the 2010 edition);
- Added the assessment of physical quality (see 4.4.1);

---Modified the test methods for light fastness and washing fastness (see 5.2.1, 5.2.2, Chapter 4 of the 2010 edition);

---Modified the evaluation index for excellent products of evenness coefficient of variation (see Appendix A, Appendix C of the 2010 edition).

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).

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1 Scope

This document specifies the technical requirements, test methods, inspection rules, packaging, markings, etc. of combed wool yarn.

This document is suitable for identifying the quality of combed woven pure wool, wool blended yarn, and wool type chemical fiber yarn.

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 4841.3 Standard Depth Color Card for Dyestuffs 2/1, 1/3, 1/6, 1/12, 1/25 GB/T 8427-2019 Textile color fastness test Color fastness to artificial light. xenon arc GB/T 9994 Textile Material Conventional Moisture Regain GB/T 12490-2014 Textile color fastness test Color fastness to household and commercial washing GB 18401 National Basic Safety Technical Code for Textile Products GB/T 29862 Labeling of textile fiber content GB 31701 Safety technical specifications for infant and children textile products FZ/T 20017 Wool yarn test method

3 Terms and definitions

There are no terms and definitions that need to be defined in this document.

4.1 Security requirements

The basic safety technical requirements for combed wool yarns should meet the requirements of GB 18401, and they should also be used for infants and children's textile products.

Meet the requirements of GB 31701.

4.2 Classification requirements

The quality of the combed yarn is based on batches. Comprehensive evaluation based on the inspection results of internal quality and appearance quality, and the lowest one item evaluation is divided into high-quality products, first-class products, and qualified products, and those lower than qualified products are classified as non-standard products.

4.3 Assessment level of intrinsic quality

4.3.1

The evaluation level of intrinsic quality is based on batch, comprehensively evaluated according to physical indicators and color fastness, and the lowest item is evaluated.

4.3.2

The evaluation level of physical indicators shall be implemented in accordance with the provisions of Table 1, and the coefficient of variation of evenness of top-quality products shall also meet the requirements of Appendix A.

Ultra-high count yarn refers to wool yarn with a linear density of 8.3texx2 and below (120Nm/2 and above); high count yarn refers to a wool yarn with a linear density of 12.5texx2 and below~ 8.3texx2 (80Nm/2 and above ~120Nm/2) wool yarn; medium count yarn refers to the linear density of 23.8texx2 and below~12.5texx2