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FZ

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

FZ/T 12002-2017

Replacing FZ/T 12002-2006

**Combed cotton grey yarn for sewing thread
(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 12002-2006 "Combination Yarn for Combed Cotton True Yarn".

Compared with FZ/T 12002-2006, the main changes are as follows.

--- Modify the third chapter classification, the 100m standard quality and standard dry quality calculations into Appendix A, delete the linear density Request content

--- The linear density range was re-divided, and the strict single-variable coefficient of variation, linear density coefficient of variation (the original 100-meter weight coefficient of variation), etc. were added.

The evaluation of the indicators, the uniformity of the assessment of dryness only preserves the coefficient of variation of the uniformity of dryness, and the index of coefficient of variation of the strand increases.

--- Cancel the assessment of downgrade indicators, and assess according to the lowest one of the technical requirements;

--- Sampling regulations were adjusted.

This standard is proposed by the China Textile Industry Federation.

This standard is under the jurisdiction of the National Textile Standardization Technical Committee Cotton Textile Subcommittee (SAC/TC209/SC10).

1 Scope

This standard specifies the product classification, marking, requirements, test methods, inspection rules, signs, and packaging for special yarns for combed cotton.

This standard applies to special yarns for ring spinning and combing cotton.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. For undated references, the latest version (including all amendments) applies to this document.

GB/T 398-2008 cotton color yarn GB/T 2543.1 Determination of yarn twist in textiles. Part 1. Direct counting method GB/T 3292.1 Test method for unevenness of textile yarns - Part 1. Capacitance method GB/T 3916 Determination of Breaking Strength and Elongation at Break of Single Yarn of Textile Yarn (CRE Method) GB/T 4743-2009 Determination of the normal density of skein yarn for textile packaged yarns FZ/T 01050 Classification and inspection methods for textile yarn defects FZ/T 10007 Inspection rules for cotton and chemical fiber pure and blended yarns FZ/T 10008 Cotton & Chemical Fiber Pure Yarn, Blended Yarn Sign & Packaging

3 Product Categories, Tags

3.1

Combed cotton yarns are classified by their linear density.

3.2

The code number of raw cotton used for combing cotton yarns is C, and the combing production process code is J.

3.3

When marking special yarn for combed cotton, the production process code and raw material code of the yarn should be indicated before the line density.

Example. Yarn density of 18.5 tex combed cotton yarn special for sewing, should be written as. JC18.5tex.

4.1 Project

4.1.1

Technical requirements for special yarns for combed cotton yarns shall include linear density deviation ratio, linear density variation coefficient, single yarn breaking strength and single yarn breakage.

Strong coefficient of variation, coefficient of variation of evenness of evenness, kilograms of cotton neps, and seven indicators of one hundred thousand meters of yarn.

4.1.2

Technical requirements for the special thread for combed cotton yarns shall include the deviation rate of linear density, coefficient of variation of linear density, breaking strength of single line, and single line breakage.

Strong coefficient of variation, coefficient of variation of evenness of evenness, and coefficient of variation of degree of twist.

4.2 Ratings

4.2.1

Products that are continuously produced with the same specification, the same raw material, and the same process are used as one or several inspection lots.

4.2.2

The quality grades of special yarns for combed cotton yarns shall be divided into superior grades, first grades, and second grades, and inferior grades shall be inferior grades.

4.2.3

The quality grade of special yarns for combed cotton yarns shall be rated according to the product specifications with the lowest item in the assessment project.