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FZ

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

FZ/T 32007-2010

Replacing FZ/T 32007-2000

**Open-end spinning ramie cotton blended grey yarn
(English Translation)**

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Foreword

Instead of the standard FZ/T 32007-2000 "spinning ramie blended yarn of the present." the main changes in the standard of FZ/T 32007-2000 compared as follows.

- Remove the range ramie content of 50% or more of the restrictions, widening the scope of the standard;
- Remove the common ramie blended yarn moisture regain table;
- Remove the nominal weight of the standard provisions of the Turks and series table;
- Adds a special fine yarn assessment;
- Cancel indicators along the lower assessment, according to the minimum assessment of a product, etc;
- The fiber content included grading assessment indicators, not included in the reference index for the technical requirements twist factor table;
- Improving the assessment index weight coefficient of variation of one hundred meters and yarn breaking strength;
- Increasing the representation of the test results.

Appendix A of this standard is a normative appendix.

The standard proposed by China Textile Industry Association.

This standard by the National Standardization Technical Committee Textile flax (flax) Textile Technical Committee (SAC/TC209/SC4) centralized.

This standard was drafted. Hunan Textile Products Quality Supervision and Testing Center, Hunan cotton linen silver Yang Group Co., Ltd.

1 Scope

This standard specifies the air spinning ramie blended this Sesha (hereinafter referred to as spinning ramie yarn) product classifications, requirements, test side Method, inspection rules, signs and packaging.

This standard applies to identify spinning ramie yarn quality.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 3292.1 Textiles yarn evenness test methods - Part 1. capacitance method GB/T 3916 Textiles - Determination of yarn single yarn breaking strength and elongation at break GB/T 4743 Textiles - Determination of yarn skein normal density GB/T 8170 repair value expressed about the rules and limit values and judgment Logo FZ/T 01053 textile fiber content 10001 air yarn twist Determination FZ/T untwisting twisting method FZ/T 10007 pure cotton and chemical fiber spinning, blended yarn qualities inspection rules FZ/T 10008 cotton and chemical fiber spinning pure, blended yarn qualities marking and packaging FZ/T 30003 cotton blends quantitative analysis method microscopic projection FZ/T 32005-2006 ramie cotton blended yarn qualities Category 3 3.1 spinning ramie cotton blended yarn linear density of 1000m in moisture regain weight (g), in units of the Turks (Tex).

3.2 spinning ramie cotton blended yarn moisture regain moisture regain 12% ramie and cotton moisture regain of 8.5% by the blending ratio plus Weighted average calculation, accurate to two decimal places, which are calculated in the formula (1).

$W = (WR \times PR + WC \times PC) / 100$ (1) where.

W --- spinning ramie cotton blended yarn moisture regain,%;

WR --- Ramie moisture regain,%;

WC --- cotton moisture regain,%;

PR --- Ramie net dry content,%;

Net dry content,% PC --- cotton.

3.3 Spinning ramie yarn weight standards

3.3.1 100m spinning ramie yarn in moisture regain a standard weight (g) according to equation (2).

$$mg = T/10 \quad (2)$$

Where.

mg --- 100m yarn in moisture regain weight in grams (g);

T --- yarn linear density, in units of the Turks (tex).