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

FZ/T 12045-2020

Replacing FZ/T 12062-2019; FZ/T 12045-2014

**Viscose fiber yarn
(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 12045-2014 "Air-jet vortex spun viscose fiber colored spinning", FZ/T 12062-2019 "Viscose fiber colored spinning yarn". Compared with FZ/T 12045-2014 and FZ/T 12062-2019, the main technical changes are as follows.

---Expanded the standard scope;

---Technical requirements are set according to the assessment items of ring spinning, air-jet vortex spinning, and rotor spinning. Ring spinning is based on traditional ring spinning, siro spinning and compact spinning.

Spinning and Siro compact spinning are assessed separately (see Table 1 to Table 4, Table 1 of the 2014 edition);

---Deleted the sampling regulations and the expression of test results.

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

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

Drafting organizations of this standard. Zhejiang Huzhou Weida Group Co., Ltd., Huafu Fashion Co., Ltd., Blum Oriental Co., Ltd.

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42 Textile Co., Ltd., Fujian Changyuan Textile Co., Ltd., Shanghai Textile Industry Technical Supervision Institute, China Cotton Textile Industry Association.

1 Scope

This standard specifies the product classification, marking, requirements, test methods, inspection rules and markings of viscose fiber (cotton fiber) colored spinning yarn.

package.

This standard applies to viscose fiber dyed yarn produced by ring spinning, air jet vortex spinning and rotor spinning.

2 Normative references

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

GB/T 250 Gray Sample Card for Textile Color Fastness Test to Evaluate Discoloration GB/T 3292.1 Textile yarn unevenness test method Part 1: Capacitance method GB/T 3916 Determination of breaking strength and breaking elongation of single yarn of textile package yarn (CRE method) GB/T 3920 Textile color fastness test color fastness to rubbing GB/T 3921-2008 Textile color fastness test color fastness to soaping GB/T 3922-2013 Textile color fastness test Color fastness to perspiration GB/T 4743-2009 Determination of the linear density of the skein of the textile package yarn GB/T 4841.3 Standard Depth Color Card for Dyestuffs 2/1, 1/3, 1/6, 1/12, 1/25 GB/T 8170 Numerical rounding rules and the expression and determination of limit values GB 18401 National Basic Safety Technical Code for Textile Products FZ/T 01050 Classification and Inspection Method of Textile Yarn Defects Capacitive Type FZ/T 10008 Cotton and chemical fiber pure and blended yarn marking and packaging FZ/T 10021-2013 Colored Spinning Yarn Inspection Rules

3 Product classification and marking

3.1

Viscose fiber colored spinning yarns are classified according to different production processes, different colors and linear densities.

3.2

The production process of viscose fiber color spinning is divided into ring spinning, air-jet vortex spinning and rotor spinning. The production process of ring spinning includes Contains traditional ring spinning, Siro spinning, compact spinning and Siro compact spinning.

3.3

The production process and raw material code of viscose fiber colored spinning are expressed in English letters. Siro spinning code is AA, compact spinning code is JM, Siro compact spinning code is AAJM, air jet vortex spinning code is JV, rotor spinning code is OE, traditional ring spinning code is not marked;

The raw material code of rubber fiber is R.

3.4

When marking viscose fiber colored spinning yarn, the color (or code) of the yarn, spinning process (or code), and raw material name should be indicated before the line density.

(Or code name). See the example for specific identification.

Example.

Hemp gray 19.7tex traditional ring spun viscose fiber colored spinning yarn can be written as. hemp gray R19.7tex.

Hemp gray 19.7tex air-jet vortex spun viscose fiber colored spinning yarn can be written as. hemp gray JVR19.7tex.

Hemp ash 19.7tex rotor spun viscose fiber colored spinning yarn can be written as. Hemp ash OER19.7tex.