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

FZ/T 42007-2021

**Raw silk/spandex wrapped 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 42007-2014 "Raw Silk/Spandex Wrapped Silk". Compared with FZ/T 42007-2014, the main technical changes as follows.

- Adjusted the relevant normative reference documents (see Chapter 2, Chapter 2 of the 2014 edition);
- Modified the definition of "raw silk/spandex wrapped silk" (see 3.1, 3.1 in the 2014 edition);
- Added the term and definition of "nominal wrapping degree" (see 3.3, 3.1 in the 2014 edition);
- Modified the marking method (see 4.2, 4.2 of the 2014 edition);
- Modify the "physical index" to "intrinsic quality" (see 5.2, the 2014 edition of 5.2);
- Modify "qualified product" to "second-class product" (see 5.2, 2014 edition of 5.2);
- Adjusted the evaluation requirements of the wrapping degree deviation rate, wrapping degree variation coefficient, and breaking strength (see 5.2, 2014 edition of 5.2);
- Adjusted the number of annotations for "falling edge", and deleted "falling edge" in "bad forming" (see 5.3, 2014 version 5.3);
- Adjusted the clamping distance of the twist tester (see 6.4.4.2, 6.4.4.2 in the 2014 edition);
- Deleted "The inner wall of each bobbin should be marked", "Fiber content" was modified to be marked on the outside of the box, and the "Inspection certificate" should be attached to the box.

Requirements (see 8.2, 8.2 of the 2014 edition).

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

This standard is under the jurisdiction of the National Silk Standardization Technical Committee (SAC/TC401).

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1 Scope

This standard specifies the terms and definitions, specification markings, requirements, test methods, inspection rules, packaging and marking of raw silk/spandex wrapped silk.

This standard is applicable to raw silk/spandex wrapping yarn with single-wrap and double-wrap wrapping methods.

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 Pieces. For undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 1798-2008 Raw silk test method GB/T 2910 (all parts) Quantitative chemical analysis of textiles GB/T 2543.1 Determination of yarn twist in textiles Part 1: Direct counting method GB/T 3916 Determination of breaking strength and breaking elongation of single yarn of textile package yarn (CRE method) GB/T 4743-2009 Determination of the linear density of the skein of the textile package yarn GB/T 6529 Standard atmosphere for textile humidity control and testing GB/T 8170 Numerical rounding rules and the expression and determination of limit values GB/T 8693 Labeling of textile yarn GB/T 29862 Labeling of textile fiber content FZ/T 01057 (all parts) Textile fiber identification test method FZ/T 01095 Test method for fiber content of textile spandex products

3 Terms and definitions

The following terms and definitions apply to this document.

Using spandex filament as the core yarn, the raw yarn is spirally wrapped around the composite yarn on the surface of the drafted core yarn through a wrapping process.

Wraptwist

The degree of density of raw silk wrapped spirally on the surface of the core silk. Expressed in turns per meter.

Declared Wrap Twist; Nominal Wrap Twist the nominal or express degree of wrapping of raw silk/spandex wrapping yarn.

4.1 Marked content

4.1.1

The linear density of raw materials. the unit is denier or dtex, referred to as "den" or "dtex".