

ICS 59.080.20
CCS W 61

FZ

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

FZ/T 70001-2015

Replacing FZ/T 70001-2003

**Test methods of wool knitting yarn
(English Translation)**

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

Instead of the standard FZ/T 70001-2003 "knitting and knitting wool test methods", compared with FZ/T 70001-2003, the major change of the following.

- Adjusted normative references;
- Standard atmospheric conditions according to GB/T 6529 execution;
- Remove sample preparation in 4.3;
- Test method modified as follows.
 - Weight test to test quality;
 - official moisture regain weight to official moisture regain quality;
 - weight deviation rate to mass deviation rate;
 - moisture regain to calculate the blended product according to GB 9994 execution;
 - knitting yarn linear density of the test sample for each sample length requirements given in Table 1, line density symbol to Tt;
 - increase the twist error rate calculation formula;
 - increase the twist coefficient of variation is calculated;
 - The powerful unit to cN cN;
 - single yarn breaking strength formulas use letters;
 - Remove the skein strength test method;
 - To delete provisions formaldehyde content test according to GB/T 2912.1 executed;
 - Delete a predetermined pH value test according to GB/T 7573 execution;
 - To delete provisions washing dimensional change test according to FZ/T 70009 implementation;

- perspiration fastness test according to GB/T 3922 execution;
- increase the resistance to dry cleaning fastness tests prescribed by GB/T 5711 execution;
- original standard 5.20 rear injection to test sections on related thereto.

The standard proposed by China Textile Industry Association.

This standard by the National Standardization Technical Committee Textile Wool Textile Technical Committee (SAC/TC209/SC3) centralized.

This standard was drafted. Beijing Woolen Textile Institute of Science and test center, sweater Zhejiang Quality Inspection Center.

1 Scope

This standard specifies the knitwear and knitting yarn of the physical indicators and test methods for color fastness.

This standard applies to wool, wool and non-wool fibers wool knitting yarn and knitting yarn.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

Textile yarn twist 2543.1 Determination of GB/T Part 1. Direct counting method Textile yarn twist 2543.2 Determination of GB/T Part 2. untwisting twisting method GB/T 2910 (all parts) Textiles - Quantitative chemical analysis GB/T 3916 Textiles - Determination of yarn single yarn breaking strength and elongation at break GB/T 3292.1 Textiles yarn evenness test methods - Part 1. capacitance method GB/T 3920 Textiles Tests for color fastness rubbing fastness GB/T 3922 Textiles Tests for color fastness color fastness to perspiration GB/T 4802.3 Textiles pilling ball measured properties - Part 3. Pilling box method GB/T 5706 Textile terms (gross section) GB/T 5711 Textiles Tests for color fastness perchlorethylene dry cleaning fastness GB/T 5713 Textiles Tests for color fastness Colour fastness to water GB/T 6529 Textiles Standard conditioning and testing atmosphere GB/T 8170 repair value expressed about the rules and limit values and judgment GB/T 8427-2008 Textiles Tests for color fastness Colour fastness to artificial light. Xenon arc GB 9994 the moisture regain of textile materials GB/T 9995 Textile material moisture content and moisture determination oven drying method GB/T 12490-2014 Textiles Tests for color fastness Colour fastness to domestic and commercial laundering GB/T 16988 special animal fiber and wool mixture Determination FZ/T 01026 Textiles - Quantitative chemical analysis of four-component mixture of fibers 01057 (all parts) FZ/T Test method for identification of textile fibers Test methods FZ/T 01095 Textiles spandex fiber content Determination FZ/T 01101 textile fiber content of physical law Determination of fat rate FZ/T 20002 containing wool textiles FZ/T

30003 cotton blends quantitative analysis method microscopic projection

3 The humidity and atmospheric testing standard Presetting wet, the humidity and atmospheric testing standard shall comply with GB/T 6529's.