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**FZ**

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

**FZ/T 73034-2021**

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**Semi-worsted wool knitting goods  
(English Translation)**

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### Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" Drafting.

This document replaces FZ/T 73034-2009 "Semi-Worsted Wool Knitwear". Compared with FZ/T 73034-2009, except for editorial changes, the main technical changes are as follows.

- Modified the scope of application (see Chapter 1, Chapter 1 of the 2009 edition);
- Adjusted the normative reference documents (see Chapter 2, Chapter 2 of the 2009 edition);
- Added the definition of heavy felted semi-worsted wool knitwear (see 3.3);
- Added the category classification and washing method classification of coats, suits and spliced garments in semi-worsted woolen knitwear (see Chapter 4);
- The safety requirements have increased the basic safety technical requirements for infants and children's products, which should meet the requirements of GB 31701 (see 5.1, 5.1 of the 2009 edition);
- The classification has been changed to superior product, first-class product, and qualified product (see 5.2, 5.2 of the 2009 edition);
- The main revisions of the internal quality rating are as follows (see Table 1, Table 1 and Table 2 of the 2009 edition).
- Adjust the fiber content and add it to Table 1, and implement it according to GB/T 29862;
- Change the burst strength to burst strength, and adjust the indicator expression form;
- Cancel the unit of weaving density coefficient;
- Include the torsion angle index in the appearance quality rating in the internal quality rating;
- Increased the assessment indicators of alkyl phenol and alkyl phenol polyoxyethylene ether;

- Increased the evaluation index of dry cleaning size change rate;
- Modified the way of expressing the color fastness of washing, perspiration, water, and dry cleaning, and the expression of the staining of the lining, and adjusted the corresponding Assessment indicators;
- Increased the evaluation index of splicing mutual dye fastness;
- Adjusted the remark position and added content;

---The main revisions of the washing size change rate index are as follows (see Table 2, Table 3 and Table 4 of the 2009 edition).

- Increase the assessment indicators of overcoats, suits, and spliced clothing products;
- Adjusted the assessment indicators in the length direction of the total size change rate of pullovers and vests in the carefully hand-washed products;
- Modified remarks;

---The main revisions of the appearance quality rating are as follows (see 5.4, 5.4 of the 2009 edition).

- Modified the basis of appearance quality rating (see 5.4.1, 5.4.1 of the 2009 edition);
- Added the test result determination of seam elongation (see 5.4.3, 5.4.3 of the 2009 edition);
- Modified the classification of the neck ring opening size assessment into children and adults 7 years old and above, children under 7 years old, infants and toddlers, and added tests.

Judgment of test results (see 5.4.4, 5.4.4 of the 2009 edition);

- Modified the assessment requirements and notes for appearance defects (see Table 3, Table 5 of the 2009 edition);

---The main modifications of the test method are as follows (see Chapter 6, Chapter 6 of the 2009 edition).

- Added safety requirements inspection (see 6.1);
- Adjusted the fiber content test method (see 6.2.1, 6.1.1 of the 2009 edition);
- Adjusted the burst strength test method (see 6.2.3, 6.1.2 of the 2009 edition);
- Added the pilling standard sample number of carded wool knitwear in the pilling test method (see 6.2.4, 6.1.4 of the 2009 edition);
- Added test methods for alkylphenol and alkylphenol polyoxyethylene ether (see 6.2.7);
- The test method of dry cleaning dimensional change rate has been added (see 6.2.8);

- Modified the washing durability test method according to GB/T 12490-2014 (see 6.2.11, 2009 version 6.1.9);
- Added the test method for splicing mutual staining fastness (see 6.2.16);
- Added a schematic diagram of the inspection method for specifications and dimensions, and adjusted the inspection part description (see 6.3.2, 2009 edition 6.2.2);
- Modified the seam elongation test method according to FZ/T 20031, the load value is 33N (see 6.3.3, 2009 edition 6.2.3);
- Modified the test method of neck ring opening size according to FZ/T 20032, the load value is 33N (see 6.3.4, 2009 edition 6.2.4);
- Infant and children's products, if they do not meet the requirements of GB 31701, are determined to be unqualified (see 7.2.3.1, 7.2.3.1 of the 2009 edition);
- Modified packaging and marking requirements (see Chapter 9, Chapter 9 of the 2009 edition);
- Increase the measurement parts of spliced clothing products in the test of dimensional change rate of washing and dry cleaning (see Appendix A).

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

This document is under the jurisdiction of the Wool Textile Branch of the National Textile Standardization Technical Committee (SAC/TC209/SC3).

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the company.

## 1 Scope

This document specifies the terms and definitions, product classification, technical requirements, test methods, inspection rules, re-inspection rules, semi-worsted knitwear Packaging and logo.

This document is applicable to the identification of pure sheep wool and semi-worsted knitwear blended with natural fibers such as cotton, silk, and linen or chemical fibers.

quality.

## 2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; 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 Evaluation GB/T 1335 (all parts) clothing size GB/T 2910 (all parts) Quantitative chemical analysis of textiles GB/T 3920 Textile color fastness test color fastness to rubbing GB/T 3922 Textile color fastness test Color fastness to perspiration GB/T 4802.3 Determination of pilling performance of textile fabrics Part 3: Pilling box method GB/T 4841.3 Standard Depth Color Card for Dyestuffs 2/1, 1/3, 1/6, 1/12, 1/25 GB/T 4856 Knitted cotton fabric packaging GB/T 5296.4 Instructions for Use of Consumer Products Part 4: Textiles and Clothing GB/T 5711 Textile color fastness test Color fastness to dry cleaning with tetrachloroethylene GB/T 5713 Textile color fastness test color fastness to water GB/T 7742.1 Textile Fabric Bursting Performance Part 1: Determination of Bursting Strength and Bursting Expansion Hydraulic Method GB/T 7742.2 Textile fabric bursting performance Part 2: Determination of bursting strength and bursting expansion by air pressure method GB/T 8427-2019 Textile color fastness test Color fastness to artificial light. xenon arc GB/T 9994 Textile Material Conventional Moisture Regain GB/T 9995 Determination of moisture content and moisture regain of textile materials Oven drying method GB/T 12490-2014 Textile color fastness test Color fastness to household and commercial washing GB/T 16988 Determination of the content of the mixture of special animal fiber and sheep wool GB 18401 National Basic Safety Technical Code for Textile Products GB/T.19981.2 Professional maintenance, dry cleaning and wet cleaning of textile fabrics and clothing Part 2: Dry cleaning and wet cleaning using perchloroethylene Procedure of performance test during ironing GB/T 23322 Determination of surface active agents for textiles-Alkylphenol and alkylphenol polyoxyethylene ether GB/T 29862 Labeling of textile fiber content GB/T 31127-2014 Textile Color Fastness Test Splicing and Mutual Dyeing Fastness GB 31701 Safety technical specifications for infant and children textile products GB/T 38015 Quantitative Chemical Analysis of Textiles Blends of Spandex and Certain Other Fibers