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**FZ**

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

**FZ/T 72001-2009**

Replacing FZ/T 72001-1992

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**Knitted polyester fabric**

涤纶针织面料 清晰版

**(English Translation)**

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### Foreword

Instead of the standard FZ/T 72001-1992 "polyester knitted fabrics." this standard FZ/T 72001-1992 compared to the main changes are as follows.

- Refers to the standard is amended as normative references, describe the normative content increase (version 1992 Chapter 2; the first edition Chapter 2);
- Adjust the product rating provisions (1992 version 4.1; this version 4.2);
- The weight tolerance square meters to the dry weight of the deviation of the adjusted assessment indicators (version 4.1.3 1992; edition 4.2.1);
- Adjust the specific test methods for bursting strength test, and assessment indicators have been adjusted (version 1992 4.1.3,5.3; Excerpts the 4.2.1,5.1.6);
- To modify the washing shrinkage dimensional change rate of assessment indicators were adjusted (version 4.1.3 1992; this version 4.2.1);
- Resistant soaping fastness test method to GB/T 3921, on the assessment indicators have been adjusted (version 4.1.3 1992; Excerpts 4.2.1);
- Modified perspiration, rubbing fastness assessment indicators and other projects (1992 version 4.1.3; this version 4.2.1);
- Increasing the mandatory requirements of GB 18401 and in accordance with the product uses to determine specific requirements (this version 4.2.1);
- Adjusted pilling (circular locus method) of specific test methods, and assessment indicators have been adjusted (version 1992 Appendix A; Excerpts 4.2.1,5.1.7);
- Adjust the appearance of the product quality inspection method (Version 1992 4.1.4,4.2,4.3; edition 5.2);
- Inspection rules for products, packaging and instructions for use were adjusted (version

1992 Chapter 6, Chapter 7, Chapter 8; 6th edition , Chapter 7).

The standard proposed by China Textile Industry Association.

This standard by the National Standardization Technical Committee Textile knitwear division Technical Committee (SAC/TC209/SC6).

This standard was drafted. Haining Zhongtian detection Ltd., Zhejiang Hongda Warp Knitting Co., Ltd. Haining Chaoda Warp Knitting Co., Ltd.

The company, Haining Articles warp Limited.

Drafters of this standard. Shen Kang Shen Xinyu, Li-Juan Hu, Jin Yanhong, SCHWANN.

This standard replaces the standards previously issued as follows.

--- FZ/T 72001-1992.

Polyester knitted fabrics

## 1 Scope

This standard specifies the polyester knitted fabric classification, requirements, test methods, inspection rules and product instructions and so on.

This standard applies to the identification meters in dry weight of 80g/m<sup>2</sup> and above finished polyester knitted fabrics.

## 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 250 textile color fastness test assessing change in color like the gray card (GB/T 250-2008, ISO 105-A02.1993, IDT) GB/T 251 Textiles Tests for color fastness Grey scale for assessing staining card (GB/T 251-2008, ISO 105-A03.1993, IDT) GB/T 3920 Textiles Tests for color fastness rubbing fastness (GB/T 3920-2008, ISO 105-X12.2001, MOD) GB/T 3921 Textiles Tests for color fastness Colour fastness to soaping (GB/T 3921-2008, ISO 105-C10.2006, MOD) GB/T 3922 Textiles perspiration fastness test method (GB/T 3922-1995, eqv ISO 105-E04.1994) GB/T 4802.1 Textiles pilling ball measured properties - Part 1. Circular locus method GB 5296.4 consumer use of textiles and apparel GB/T 5713 Textiles Tests for color fastness water fastness (GB/T 5713-1997, eqv ISO 105-E01.1994) GB/T 8170 repair value expressed about the rules and limit values and judgment GB/T 8427 Textiles Tests for color fastness Colour fastness to artificial light. Xenon arc (GB/T

8427-2008, ISO 105-B02.

1994, MOD)

GB/fabric specimens and garments in preparation, marking and measuring T 8628 Textiles Determination of dimensional change test (GB/T 8628-2001, eqv ISO 3759:1994) GB/T 8629 Textiles - Domestic washing and drying test procedures (GB/T 8629-2001, eqv ISO 6330:2000) GB/T 8630 and Determination of dimensional change after washing drying textiles (GB/T 8630-2002, ISO 5077. 1984, MOD) GB/T 22846 knitted fabrics (four-point) visual inspection GB 18401 National Safety Technical Code for Textile Products GB/T 18886 Textiles Tests for color fastness color fastness to saliva GB/T 19976 Textiles - Determination of bursting strength steel ball method Determination FZ/T 70010 square meters of knitted fabric dry weight GSB16-2159-2007 knitted products like cards of standard depths (1/12)

### **3 Product Categories**

Polyester knitted fabrics are warp and weft two categories.

#### **4.1 Content Requirements**

Inherent quality and appearance requirements are divided into two aspects of quality. Intrinsic quality including pH value, formaldehyde content, odor, biodegradable aromatic amine dye