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FZ

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

FZ/T 53003-2012

Replacing FZ/T 53003-1999

Polyester top

涤纶毛条

(English Translation)

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Foreword

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

This standard is a revision of FZ/T 53003-1999 "polyester tops" of.

Instead of the standard FZ/T 53003-1999, compared with the original standard, in addition to editorial changes, the major technical changes are as follows.

--- Linear density from the original "2.80 ~ 3.90dtex (2.5 ~ 3.5d)" extended to "1.33dtex ~ 6.67dtex", the average length of the the original "is less than or equal to 100mm" extended to "less than or equal to 110mm", and an increase in extinction (see Chapter 1, Chapter 1 of the 1999 edition);

--- Increasing the product identification section (see Chapter 4);

--- The original "product class is divided into superior products, first-class product, second product, third-class products four grades lower than those for the third-class goods substandard goods" to "Products are divided into superior products, first-class products, qualified three levels below the qualified product is substandard products", delete the original 4.4.2 (see 5.1, 1999 edition 4.4);

--- Original by superior products, first-class product, second product, third grade specified target different products adjusted to the linear density range 1.33dtex ~ 2.10dtex, 2.11dtex ~ 3.32dtex, 3.33dtex ~ 6.67dtex products and superior products, first-class products, qualified unequal Level redefined index value (see 52, 1999 version 4.1.);

--- Increasing the linear density of the technical requirements (see 5.4);

--- Original 5.9 "180 °C dry heat shrinkage for determination of execution prescribed in Appendix A.8. Single fiber arbitration law" to "Press FZ/T 50004 regulations "(see 68, 1999 version 5.9.);

--- Revised chapter inspection rules (see 72, 1999 version 4.3.);

--- Packaging, labeling, transportation and storage of a chapter into signs, packaging, transport and storage, remove the logo and the packet number of different levels with

different colors Predetermined color flag, an increase of non-fixed weight per package product quality and differentiation of products on behalf of the same batch of fixed weight does not exceed the quality of advice $\pm 5\%$ over the requirement to retain and modify the packaging, labeling, transportation and storage of parts (see Chapter 8, 1999 edition Chapter 7);

--- Original title Appendix A supplement into a normative appendix, increasing the scope of chapter, an increase of online sampling methods; deleted 180 °C dry Shrink rate measurement and determination of moisture regain chapters, each test method to increase the test principle, increase the average length of a simplified calculation Formula (see Appendix A, 1999 edition of Appendix A).

The standard proposed by China Textile Industry Association.

This standard by the Shanghai textile industry technical supervision of the centralized.

This standard was drafted. Jiangsu Jiangnan High Fiber Co., Ltd., Shanghai textile industry technical supervision.

1 Scope

This standard specifies the terms and definitions of polyester tops, product identification, technical requirements, test methods, inspection rules, marking, packaging, transportation and storage requirements.

This standard applies to the linear density 1.33dtex ~ 6.67dtex, bright, semi dull, dull character, circular cross-section, with an average length of less than or equal to 110mm, straight strips of polyester tops. Other polyester tops can refer to use.

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.

GB/T 3291.1 textile material properties and test - Part 1. fibers and yarns GB/T 3291.3 textile material properties and test - Part 3. General GB/T 4146 Textile terms (chemical fibers) GB/T 4146.1 Textiles chemical fiber - Part 1. generic name GB/T 6503 Test Methods for chemical fiber moisture regain 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 14189 fiber grade polyester chip (PET) GB/T 14335 chemical fiber staple linear density test method GB/T 14339 chemical fiber staple defect test method FZ/T 50004 polyester staple fiber dry heat shrinkage test method

3 Terms and Definitions

GB/T 3291.1, GB/T 3291.3, GB/T 4146 and GB/T 4146.1 defined and the following terms and definitions apply to this file.

Article weight topmass Number of quality g 1m hairy strip has under specified conditions.

Gross grain neps

Fiber kink into small granular, the naked eye can clearly identify, flick around, who still can not untie.

Maopian cardneps

Fiber kink into small pieces, the naked eye can clearly identify, flick around, who still can not untie.