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FZ

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

FZ/T 41003-2010

Replacing FZ/T 41003.1-1999; FZ/T 41003.2-1999; FZ/T 41003.3-1999

**Mulberry silk tops
(English Translation)**

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Foreword

Instead of the standard FZ/T 41003.1-1999 "Silkworm cotton ball grading regulations", FZ/T 41003.2-1999 "Silkworm cotton ball Inspection Regulations Then ", FZ/T 41003.3-1999 "Silkworm cotton ball logo, packaging and transport and storage. " This standard compared with the original standard main changes are as follows.

- The FZ/T 41003.1-1999, FZ/T 41003.2-1999, FZ/T 41003.3-1999 three criteria were merged;
- Index value adjusted average length fibers;
- Improve the cleanliness index value index of impurities, fiber and other miscellaneous;
- Improving the short fiber content, the index value cotton knot indicators;
- The grading provisions cotton ball bundle fiber strength by the subsidy for the selection of test items to adjust the test items;
- Adjust the cotton ball test Batch provisions;
- Amend the relevant provisions of the cotton balls packaging and logo.

Appendix A of this standard is an informative annex.

The standard proposed by China Textile Industry Association.

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

This standard was drafted. Zhejiang Golden Eagle Spun Silk Co., Ltd., Jiangsu Si silk Group Co., Ltd. Zhejiang Golden Eagle Co., Ltd., Zhejiang silk Silk Co., Ltd., Zhejiang CIQ silk testing center.

1 Scope

This standard specifies the silkworm cotton balls terms and definitions, classification, labeling, requirements, test methods, inspection rules, packaging and identification.

This standard applies to silkworm cotton balls.

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 6529 Textiles Standard conditioning and testing atmosphere GB/T 8170 repair value expressed about the rules and limit values and judgment GB/T 9995 Textile material moisture content and moisture determination oven drying method

3 Terms and definitions

The following terms and definitions apply to this standard.

Cotton knot nep

Cotton fiber knot is entangled into micro-nodes, it is a fibrous structure.

Short fiber in short fiber length below the limit of staple fibers. Staple limit is 30mm.

4 Classification, labeling

4.1

Silkworm cotton ball Classification. according to the number of channels comb, cotton balls cotton balls can be divided into No. I, II and III No. No. cotton ball cotton ball.

4.2

cotton balls Number Number Plate. No. I cotton balls AI represented, II number of cotton balls BII represented, III number of cotton balls represented by CIII.

5 Requirements

5.1

Silkworm quality cotton balls, cotton balls in accordance with the subject of comprehensive performance quality and appearance quality of technical indicators, divided into AI-1 Ji, AI-2 Level, AI-3 level, BII-1 level, BII-2 level, CIII-1 grade level CIII-2 and Level-drugs.

5.2

Silkworm cotton ball quality technical indicators specified in Table 1.

Table 1 Quality Specifications

Test items

I II III

AI-1	AI-2	AI-3	BII-1	BII-2	CIII-1	CIII-2	the main test project	the average fiber length/mm	>=
75.00	67.00	63.00	57.00	53.00	47.00	43.00	Cleanliness/min	>=	98.00 97.00 96.00 95.00
93.00	92.00	Oil content /%	<=	0.60	0.65	Grant inspection project	Short fiber content /%	<=	
4.00	5.00	6.00	8.00	12.00	16.00	20.00	Cotton Junction/(a /0.1g)	<=	10 14 18 22 26 30 34