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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 15551-2016

Replacing GB/T 15551-2007

Mulberry silk fabrics

蚕桑丝织物

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Quarantine;
Standardization Administration of the PRC**

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009. This standard is GB/T 15551-2007 "silk fabric" revision, compared with GB/T 15551-2007, the main changes are as follows: - Removed the "applicable to the quality of the white silk fabric" (see Chapter 1 of the.2007 edition); - Third grade items have been removed from the classification requirements (see

3.3 of the.2007 edition);

--- increase the tear strength, resistance to dry cleaning, saliva resistance, heat and pressure color fastness assessment items, and determine the level of indicators (see 3.5);

--- Adjust the resistance to dry friction, moisture resistance, light fastness indicators (see 3.5,.2007 version of 3.5);

--- dark to greater than GB/T 4841.3 1/12 dye color standard depth of color card, light to less than GB/T 4841.3 1/12 dye color standard depth card (see 3.5,.2007 version 3.5);

--- the packaging, the logo to FZ/T 40007 implementation (see Chapter 6,.2007 edition of Chapter 6, Chapter 7); - Appendix A has been deleted (see Appendix A of the.2007 edition). This standard is replaced by GB/T 15551-2007 from the date of implementation. This standard is proposed by China Textile Industry Federation. This standard is under the jurisdiction of the National Silk Standardization Technical Committee (SAC/TC401). The drafting of this standard. Zhejiang Kai Xiya International Co., Ltd., Zhejiang Silk Technology Co., Ltd., Zhejiang Ya Ying Group Co., Ltd., Wansley Group Co., Ltd., Xinyuan Cocoon Silk Group Co., Ltd., Jiangsu Huajia Silk Co., Ltd., Dali (China) Co., Ltd. Fuchun Group Co., Ltd., Zhejiang Babei Tie Co., Ltd., Dali Silk (Zhejiang) Co., Ltd., Huzhou Yongchang Silk Co., Ltd., Zhejiang Jia superscript Clothing Co., Ltd., Hangzhou Quality and Technical Supervision and Inspection Institute, the National Silk and clothing product quality

supervision and inspection center. The main drafters of this standard. Zhou Ying, Bian Xinger, Gu Hongfeng, Chu Xianping, Liu Jianping, Yu Weijie, Yu Jinjian, Wu Lan, Sheng Jianxiang, Tu Yongjian, Yu Dan, Chen Jinxing, Lin Shengwei, Hang Zhiwei. This standard replaced the previous version of the standard release.

--- GB n229-1984;

--- GB n230-1984;

--- GB n237-1984;

--- GB/T 15551-1995, GB/T 15551-2007;

--- GB/T 15554-1995. Silk fabric

1 Scope

China's national product standard for mulberry silk fabrics - the woven fabrics made from the filament of the domesticated silkworm, whether pure silk or silk interwoven with another yarn. It specifies the requirements, the test methods, the inspection rules, and the packaging and marking, and it applies to the quality assessment of dyed, printed and yarn-dyed pure silk fabrics and of silk fabrics interwoven with other yarns. Silk is sold on properties that a buyer cannot verify by looking at the cloth, and the standard exists to make those properties contractual. The requirements cover the physical characteristics - the mass per unit area and the width and their tolerances, the yarn count, the density of warp and weft, the breaking strength - and the properties that decide whether the finished garment survives its first season: the dimensional change on washing or dry cleaning, the colour fastness to light and to perspiration and to rubbing and to washing, and the resistance to seam slippage, which is the characteristic defect of a loosely woven silk. Appearance defects are graded, because silk is a natural filament and a fabric entirely without faults does not exist at a commercial price; what the standard fixes is how many faults of what kind are tolerable in each grade, and how they are counted over a defined length. The inspection rules set the lot, the sampling and the rules for acceptance, so that a dispute between a mill and a buyer is settled on a defined procedure rather than on an argument about the goods. Issued on 25 April 2016 and in force since 1 November 2016, it replaces GB/T 15551-2007.

This standard specifies the requirements, test methods, inspection rules, packaging and marking of silk fabrics. This standard applies to the assessment of various types of dyeing, printing, yarn-dyed pure silk fabrics, silk and other yarn interwoven silk fabric into The quality of the product.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated

references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 250 Textiles - Tests for color fastness - Assessment of discoloration with gray cards

GB/T 2910 (all parts) Quantitative chemical analysis of textiles

GB/T 3917.2 Textiles - Tearing properties of fabrics - Part 2. Determination of tear strength of pants - shaped specimens (single slits)

GB/T 3920 Textiles - Tests for color fastness - Color fastness to rubbing Textiles - Tests for color fastness - Color fastness to soaping GB/T 3921-2008

GB/T 3922 Textiles - Tests for color fastness - Color fastness to perspiration

GB/T 3923.1 Tensile properties of textile fabrics - Part 1. Determination of breaking strength and elongation at break (strip method)

GB/T 4666 Textiles - Determination of length and width of fabrics Determination of woven fabric density

GB/T 4668-1995 Textiles - Determination of unit length and mass per unit area of woven fabrics

GB/T 4841.3 Dye dyeing standard depth color card 2/1,1/3,1/6,1/12,1/

25 Textiles - Tests for color fastness - Color fastness to dry cleaning GB/T Textiles - Tests for color fastness - Color fastness to water

GB/T 6152 Textiles - Tests for color fastness - Color fastness to heat and pressure Representation and Judgment of Numerical Correction Rule and Limit Value of

GB/T 8170 Textiles - Tests for color fastness - Color fastness to artificial light. Xenon arcs GB/T 8427-2008

GB/T 8628 Preparation, marking and measurement of fabric samples and garments for testing of dimensional changes in textiles Household washing and drying procedures for textile testing GB/T 8629-2001