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

GB/T 29256.3-2012

**Textiles -- Woven fabrics -- Construction -- Methods of analysis
-- Part 3: Determination of crimp of yarn in fabric**

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1995 referring to the use of ISO 7211-2. 1984 developed.

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Foreword

GB/T 29256 "Textiles - Woven fabrics structure analysis method" includes the following sections.

Part 1. Figure and heald weave, mechanized representation of FIG denting and lifting;

Part 3. yarn in fabric shrinkage measurement;

Part 4. Determination of twist in yarn removed from fabric;

Part 5. Determination of linear density of yarn removed from fabric;

Part 6. Fabric weft yarn mass per unit area was measured.

This section GB/T Part of 329,256.

This section drafted in accordance with GB/T 1.1-2009, rules GB/T 20000.2-2009 given.

GB/T 29256 "textile fabric structure analysis machine" section above and the corresponding part of ISO 7211 series of standards corresponding.

And ISO 7211 Part 2 corresponding to the national standard GB/T 4668-1995 "Determination of density woven fabrics", GB/T 4668-

1995 referring to the use of ISO 7211-2. 1984 developed.

This section uses redrafted Law Amendment uses ISO 7211-3. 1984 "Textiles - Woven fabric structure analysis method - Part 3.

Yarn in fabric shrinkage determination. "

Part of this ISO 7211-3. 1984 The main differences are as follows.

--- Deleted the introductory part, the introduction on the contents as a straight tension

Chapter 4 Principle Note;

--- Range increases do not apply to "as well as in the analysis process weaving, finishing and the method of yarn fabric damage";

--- Normative references are replaced by the corresponding international standards to national standards;

Requirements --- Chapter 5 of the device increase the "minimum scale value of 1mm";

--- Will be incorporated within Appendix 8.1 and Table 1 column yarn increased cotton yarn, wool yarn and yarn type long;

--- In Chapter 7 samples, the increase on the jacquard fabric sample comments.

This part is proposed by the China Textile Industry Association.

This part of the National Textile basic standards Standardization Technical Committee Technical Committee (SAC/TC209/SC1) centralized.

This section is drafted. Textile Standard (Beijing) Inspection and Certification Center Co., Ltd., Zhejiang Branch Spinning Co., Ltd. Holy Mountain, Sun City (Xiamen) households

Outside supplies Technology Co., Ltd.

1 Scope

This section GB/T 29256 specifies the determination of yarn in fabric shrinkage method.

This section applies to most woven fabrics, NA under a certain tension can not completely eliminate straight crimped yarn, as well as weaving,

Collation and analysis of the method of yarn fabric damaged.

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 6529 Textiles conditioning and testing using standard atmosphere (GB/T 6529-2008, ISO 139.2005, MOD)

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1

Weaving shrinkage percentage crimp

The percentage of yarn and fabric stretched length of the yarn ends from the difference of the latter.

3.2

Straight tension straightening tension

Elimination of woven yarn caused by crimps minimum force applied to the yarn.

Principle 4

Remove from the fabric strip like a known length of yarn, under tension to make it straight and measure its length in this state, to weave shrink

Rate shows the result. The size of the yarn tension according to the type and linear density selection.

Note. This method required a tension crimped yarn straight. In theory, this tension should be to eliminate all without crimped yarn elongation, but actually difficult to achieve.

Therefore, the tension given in Table 1, which are designed to stretch between the inevitable and does not completely eliminate curl balance, any residual curl

It is negligible.

5.1 straight yarn and measuring devices, subject to the following requirements.

- a) shall have two clamps and clamp in a closed surface with parallel jaws;
- b) the distance between the two clamps can be adjusted;
- c) should be able to measure the distance between the two clamps, the minimum scale value of 1mm;
- d) Each clamp shall have a reference line (for example, about 2.5mm), seen from the side of the jaw when the clamp is closed;