

ICS 59.080.30

CCS W 04



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

GB/T 29256.5-2012

**Textiles -- Woven fabrics -- Construction -- Methods of analysis
-- Part 5: Determination of linear density of yarn removed from
fabric**

Issued on: December 31, 2012

Implemented on: June 1, 2013

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

Table of Contents

Foreword

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

1 Scope

2 Normative references

4 Device

4.1 Balance, precision of at least 0.001g.

4.3 oven with thermostatic control device, the temperature can be adjusted to 105 degrees C.

5 conditioning and testing atmosphere

6 Sample

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 529,256.

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 7211-5. 1984 "Textiles - Woven fabric structure analysis method - Part 5.

Determination of yarn removed from fabric linear density. "

Part of this ISO 7211-5. 1984 The main differences are as follows.

- Remove the introduction, into the scope of its content;
- Increased range and does not apply content;
- Normative references are replaced by the corresponding international standards to national standards;
- Simplified description number of specimens, the length of the note in the sample was adjusted to 250mm, incorporated in the text;
- The measurement procedure combined into Chapter 7;
- Specify oven heated to 105 degrees C, weighing interval unified 30min;
- Increased by 7.3 and 8.3 of the measurement strand linear density and representation terms;

Interpretation --- In the formula (3) in combination to increase the drying value of moisture regain factor;

--- Test report adds "sample description."

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., Jiangsu Menglan Group Limited.

1 Scope

GB/T 29256 provisions of this part of the determination of linear density of yarn removed from fabric comprising fibers from the material did not go unless

Determination of linear density of yarn removed from fabric, as well as from the measurement method to remove non-woven fabric material that has been removed yarn linear density.

This section applies to most of the woven fabric does not apply in certain straight crimped yarn tension can not be eliminated, as well as weaving, finishing

The method and analysis process by yarn fabric damage.

Note. the method of the area of \u200b\u200bthe resulting fabric may be a yarn linear density of the yarn before weaving linear density different from the original.

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 2910.1 Textiles - Quantitative chemical analysis - Part 1. General principles of testing (GB/T 2910.1-2009, ISO 1833-1.

2006, IDT)

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

GB/T 29256.3 Textiles - Woven fabrics structure analysis method - Part 3. yarn in fabric shrinkage measurement (GB/T 29256.3-

2012, ISO 7211.3. 1984, MOD)

Principle 3

Remove from rectangular fabric sample yarn, measuring its stretched length, measured quality (Method A) after the humidity in the standard atmosphere or

Determination of the quality (Method B) after drying under specified conditions. Depending on the quality of the measured and calculated the length of the straight line density.

In determining the quality of the yarn drying, when heated to 105 degrees C, easily lead to significant loss of volatile substances other than water samples should be used

Method A.

4.1 Balance, precision of at least 0.001g.

Means (with GB/T 29256.3 specified device) Determination of yarn stretched length of 4.2.

5 conditioning and testing atmosphere

Standard atmospheric GB/T 6529 regulations were pre humidity control, humidity control and testing.

6 Sample

The humidity will sample at least 24h. Crop seven rectangular specimens from the humidity through the sample, which is by the length of the two samples, sample