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

GB/T 8630-2013

**Textiles -- Determination of dimensional change in washing and
drying
(English Translation)**

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Foreword

This standard is drafted according to the rules specified in GB/T 1.1-2009.

This standard replaces GB/T 8630-2002 Textiles - Determination of dimensional change in washing and drying. Compared with GB/T 8630-2002, the main technical changes of this Standard are as follows.

- Modify the recommended quantity of test-specimens (see 6.2, 6.2 in Edition 2002);
- Annex "Confidence limit of average dimensional change of textile" is deleted (see Annex A in Edition 2002).

Using Re-drafting Method, this standard modifies and adopts ISO 5077.2007

Determination of Textile Dimensional Change in Washing and Drying (in English).

Main differences between this standard and ISO 5077.2007 are as follows.

- Foreword of international standard is deleted;
- International Standards in normative references are replaced by the corresponding national standards.
- Code D of dimensional change in calculation formula is added (see 8.1).
- Average value of dimensional change is changed FROM "rounded to 0.5%" TO "rounded to 0.1%".

This standard was proposed by China National Textile And Apparel Council.

This standard shall be under the jurisdiction of Technical Sub-committee of Basic Standard of the National Technical Committee on Textile Standardization (SAC/TC 209/SC 1).

Drafting organizations of this standard. Standardization Institute for Textile Industry, Shanghai Textile Industry Institute of Technical Supervision, and Zhongshan Entry-Exit Inspection and Quarantine.

Main drafters of this standard. Jiang Huixia, Chen Xiaocheng, and Wang Jingli.

This standard replaces the following historical editions.

- GB/T 8630-1988, GB/T 8630-2002.

Textiles - Determination of dimensional change in washing and drying

1 Scope

This standard specifies a method to determine the dimensional change of textiles after washing and drying.

This standard is applicable to textile fabrics, clothing, and other textile products.

In the case of textile articles or deformable materials, it is necessary to consider various factors to explain the test results.

2 Normative references

The articles contained in the following documents have become part of this document when they are quoted herein. For the dated documents so quoted, all the modifications (including all corrections) or revisions made thereafter shall be applicable to this document.

GB/T 6529 Textiles - Standard atmospheres for conditioning and testing (GB/T 6529-2008, ISO 139.2005 MOD)

GB/T 8628 Textiles - Domestic washing and drying procedures for textile testing (GB/T 8628-2001, ISO 3759.2011, MOD)

GB/T 8629 Textiles - Preparation, marking and measuring of fabric specimens and

garments in tests for determination of dimensional change (GB/T 8629-2001, eqv ISO 6330.200)

3 Principle

The specimen is conditioned in the specified standard atmosphere and measured before subjection to the appropriate washing and drying procedures. After drying, conditioning and re-measuring of the specimen, the changes in dimension are calculated.

4 Apparatus and reagents

Use apparatus and reagents as specified in GB/T 8628 and GB/T 8629.

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