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

GB/T 5711-2015

**Textiles -- Tests for colour fastness -- Colour fastness to dry
cleaning using perchloroethylene solvent**

纺织品 色牢度试验 耐四氯乙烯干洗色牢度

(English Translation)

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1 Scope

1.1

This Standard specifies the method for determination of textiles colour fastness to drycleaning using perchloroethylene solvent.

1.2

This Standard is not applicable to assess the durability of textile finishing; neither is it applicable to assess stain-removing operation capability of textile colour to dry- clean shop.

1.3

This test only contains the test for colour fastness to drycleaning; if the assessment of other drycleaning aspects is required, such as water spots, solvent spots, steam press and iron, and etc., then other test methods shall be provided.

1.4

For certain textile materials, if the dry cleaning agent contains washing liquid or water, it may change the performance of colour fastness to drycleaning. This test is required to be conducted in case the fabric is in dry state; use the container without any moisture, only use the dry cleaning agent to test.

1.5

If there is no further instruction, the colour fastness to drycleaning in this Standard indicates that in the perchloroethylene solvent. However, if required, other types of solvent can also be used.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this document.

GB/T 250 Textiles - Tests for Colour Fastness - Grey Scale for Assessing Change in Colour (GB/T 250-2008, ISO 105-A02:1993, IDT)

GB/T 251 Textiles - Tests for Colour Fastness - Grey Scale for Assessing Staining (GB/T 251-2008, ISO 105-A03:1993, IDT)

GB/T 6151 Textiles - Tests for Colour Fastness - General Principle of Testing (GB/T 6151-1997, eqv ISO 105-A01:1994)

GB/T 7568.1 Textiles - Tests for Colour Fastness - Specification for Wool Adjacent Fabric (GB/T 7568.1-2002, ISO 105-F01:2001, MOD)

GB/T 7568.2 Textiles - Tests for Colour Fastness - Standard Adjacent Fabrics - Part 2: Cotton and Viscose

GB/T 7568.3 Textiles - Tests for Colour Fastness - Standard Adjacent Fabrics - Part 3: Polyamide (GB/T 7568.3-2008, ISO 105-F03:2001, MOD)

GB/T 7568.4 Textiles - Tests for Colour Fastness - Specification for Polyester Adjacent Fabric (GB/T 7568.4-2002, ISO 105-F04:2001, MOD)

GB/T 7568.5 Textiles - Tests for Colour Fastness - Specification for Acrylic Adjacent Fabric (GB/T 7568.5-2002, ISO 105-F05:2001, MOD)

GB/T 7568.6 Textiles - Tests for Colour Fastness - Specification for Silk Adjacent Fabric (GB/T 7568.6-2002, ISO 105-F06, 2000, MOD)

GB/T 7568.7 Textiles - Tests for Colour Fastness - Standard Adjacent Fabrics - Part 7: Multifibre (GB/T 7568.7-2008, ISO 105-F10:1989, MOD)

GB/T 13765 Textiles - Tests for Colour Fastness - Specification for Standard Adjacent Fabric of Linen and Ramie

FZ/T 01023 Instrumental Assessment of the Degree of Staining of Adjacent Fabrics (FZ/T 01023-1993, neq ISO105-A04:1989)

FZ/T 01024 Instrumental Assessment of Change in Colour for Determination of

Grey Scale Rating (FZ/T 01024-1993, neq ISO 105-A05:1992)

3 Principle

Paste the textile specimen to the adjacent fabric, put them together with stainless steel sheet into the perchloroethylene to stir; then extrude, centrifuge, remove liquid and dry the specimen and adjacent fabric. Take the original sample as the reference sample, use gray scale or instrument to assess the change in colour of specimen and the staining of the adjacent fabric.

4 Safety Warning

Perchloroethylene and other solvents are harmful to the human health, so it is very important to operate according to solvent use safety rules. The test is recommended

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