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ICS 59.080.01
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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 5717-2013

Replacing GB/T 5717-1997

Textiles -- Tests for colour fastness -- Colour fastness to spotting: Water

纺织品 色牢度试验 耐水斑色牢度

(English Translation)

Issued on: November 12, 2013 **Implemented on: May 1, 2014**

Issued by: Standardization Administration of China

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 5717-1997 "textile color fastness test water spot color fastness", compared with the GB/T 5717-1997 the main changes are as follows.

--- Delete the original standard ISO foreword;

--- Normative references removed GB/T 6151-1997, an increase of GB/T 6682 and FZ/T 01024;

--- Added optional instrument method of evaluation;

--- The original standard, Chapter 4 of this standard split Chapters 4 and 5, the subsequent chapters postponed;

--- Chapter 4, add a "spectral color measurement instrument (4.4)";

--- Chapter 6 increased the sample size and cut tolerance of ± 2mm, sample preparation method of yarn from the "truss ends" to "be made Thin ";

The 7.3 --- drying procedure, from "hanging in the air at room temperature to dry" to "dried at room temperature";

--- Chapter 8 test report adds d) requests.

This standard uses redrafted law revision using ISO 105-E07.2010 "Textiles Tests for color fastness Part E07. water spot color Fastness "(in English). This standard and ISO 105-E07.2010 main differences are as follows.

--- Deleted international standards in the preface;

--- Normative references to international standards is replaced by the corresponding national standards or industry standards, specific adjustments are as follows.

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- equivalents adoption of international standards GB/T 250 instead of ISO 105-A02;

- Modify with international standards of GB/T 6682 instead of ISO 3696;

- non-equivalent to international standards FZ/T 01024 replaces ISO 105-A05.

The standard proposed by China Textile Industry Association.

The standard basis by the National Textile Standards Technical Committee of Standardization Technical Committee (SAC/TC209/SC1) centralized.

This standard was drafted. Textile Industry Standardization Institute, the Shanghai textile industry technical supervision, Shanghai and linen textile science and technology research Studies, Dali (China) Limited.

1 Scope

This standard specifies the test method for the determination of various types of textile water spot color fastness.

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 250 textile color fastness test assessing change in color like the gray card (GB/T 250-2008, ISO 105-A02.1993, IDT) GB/T 6682 analytical laboratory use specifications and test methods (GB/T 6682-2008, ISO 3696. 1987, MOD) FZ/T 01024 discoloration degree of sample instrument rating method (FZ/T 0102-1993, neqISO 105-A05.1992) Principle 3 Water droplets on the specimen, gently rub the surface with a glass rod, so that the full penetration by assessing change in color like the gray card or assessment instrument, respectively After color calibration specimen 2min dripping and drying of the sample.

4 Device

4.1
pipette or dropper.

4.2
round glass rod.

4.3
Evaluation of color like the gray card, in line with GB/T 250 requirements.

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4.4
spectral color measurement instrument, in line FZ/T 01024 requirements.

5 Reagents

Three water, in line with GB/T 6682 requirements.

6 Sample

6.1
Fabric samples taken (40 ± 2) mm x (100 ± 2) mm a sample.

6.2
Samples of yarn, the yarn is woven into a fabric, taking (40 ± 2) mm x (100 ± 2) mm a sample; or take a length of (100 ± 2) mm, Diameter of about (5 ± 2) mm of the yarn bundle to form a thin layer.

6.3
loose fiber samples, taking a sufficient amount, as the comb (40 ± 2) thin mm x (100 ± 2) mm in.

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