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GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

GB/T 14576-2009

Replacing GB/T 14576-1993

**Textiles - Tests for Colour Fastness - Colour Fastness
to Light of Textiles Wetted with Artificial Perspiration**

纺织品 色牢度试验 耐光、汗复合色牢度

(ISO 105-B07:2009, Textiles - Tests for Colour Fastness –

Part B07: Colour Fastness to Light of Textiles Wetted with Artificial Perspiration, MOD)

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Foreword

This standard is modified in relation to ISO 105-B07:2009 "Textiles - Tests for Color Fastness - Part B07: Complex Colour Fastness to Light-perspiration" (English version). Compared with ISO 105-B07:2009, the main differences of this standard are as follows:

- Delete introduction and bibliography;
- Replace the international standard in Normative References with corresponding national or professional standard, and add reference to GB/T 730 and AATCC TM 15;
- Add carbon arc lamp light fastness test equipment in the Chapter of Equipment and Materials;
- Add sampling methods for different test specimens in Chapter 6; the test specimen dimension is changed to "not less than 45mm×10mm" from "not less than 40mm×10mm";
- Carry out editorial changes to Chapter 7; "blue wool standard sample" is changed to "blue wool standard sample 4"; specify exposure end point and the temperature of Grade 3 water for laundering, and add an annotation with regard to using blue wool standard sample.

This standard replaces GB/T 14576-1993 "Textiles - Testing Method for Complex Colour Fastness to Light and Perspiration".

Compared with GB/T 14576-1993, the main changes of this standard are as follows:

- Extend the application scope;
- Add FZ/T 01024 and AATCC TM 15 in Normative References; delete GB/T 7565;
- Modify Chapter 3: Principle;
- Add descriptions to balance, pH meter, artificial perspiration, Grade 3 water and spectrophotometer or color shading meter to Chapter 4; delete light and perspiration test container and cotton adjacent fabrics;
- Add perspiration formula and a kind of sour perspiration specified in AATCC TM 15 in Chapter 5;
- Modify Chapter 6: Test Specimen; add sampling method of different specimens;
- Delete Method A in the original standard;