

SVENSK STANDARD

SS-EN ISO 105-E07:2010

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Textil – Färghärdighetsprovning – Del E07: Färghärdighet mot vattendroppar (ISO 105-E07:2010)

Textiles – Tests for colour fastness – Part E07: Colour fastness to spotting: Water (ISO 105-E07:2010)

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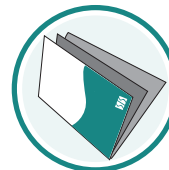
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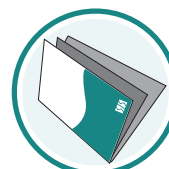
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Europastandarden EN ISO 105-E07:2010 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN ISO 105-E07:2010.

Denna standard ersätter SS-EN ISO 105-E07, utgåva 1.

The European Standard EN ISO 105-E07:2010 has the status of a Swedish Standard. This document contains the official English version of EN ISO 105-E07:2010.

This standard supersedes the Swedish Standard SS-EN ISO 105-E07, edition 1.

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Denna standard är framtagen av kommittén för Textil, SIS/TK 160.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på www.sis.se - där hittar du mer information.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 105-E07

April 2010

ICS 59.080.01

Supersedes EN ISO 105-E07:1997

English Version

**Textiles - Tests for colour fastness - Part E07: Colour fastness
to spotting: Water (ISO 105-E07:2010)**

Textiles - Essais de solidité des coloris - Partie E07:
Solidité des coloris à la goutte d'eau (ISO 105-E07:2010)

Textilien - Farbechtheitsprüfungen - Teil E07: Farbechtheit
gegen Flecken: Wasser (ISO 105-E07:2010)

This European Standard was approved by CEN on 22 March 2010.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN ISO 105-E07:2010) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with Technical Committee CEN/TC 248 "Textiles and textile products" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2010, and conflicting national standards shall be withdrawn at the latest by October 2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 105-E07:2010 has been approved by CEN as a EN ISO 105-E07:2010 without any modification.

Textiles — Tests for colour fastness —

Part E07: Colour fastness to spotting: Water

1 Scope

This part of ISO 105 specifies a method for determining the resistance of the colour of textiles of all kinds and in all forms to spotting by water.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 105-A02, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour*

ISO 105-A05, *Textiles — Tests for colour fastness — Part A05: Instrumental assessment of change in colour for determination of grey scale rating*

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

3 Principle

Drops of water are worked into the specimen with a glass rod, and the change in colour of the textile is assessed with the grey scale or instrumentally after 2 min and after drying.

4 Apparatus

- 4.1 **Pipette or dropper.**
- 4.2 **Glass rod**, with a rounded end.
- 4.3 **Grey scale for assessing change in colour**, complying with ISO 105-A02.
- 4.4 **Spectrophotometer or colorimeter for assessing change in colour**, complying with ISO 105-A05.

5 Reagents

- 5.1 **Grade 3 water**, complying with ISO 3696.

6 Test specimen

6.1 If the textile to be tested is fabric, use a specimen measuring (40 ± 2) mm \times (100 ± 2) mm.

6.2 If the textile to be tested is yarn, knit it into fabric and use a specimen measuring (40 ± 2) mm \times (100 ± 2) mm, or make a wick of parallel lengths (100 ± 2) mm long and about (5 ± 2) mm in diameter, tied near both ends.

6.3 If the textile to be tested is loose fibre, comb and compress enough of it to form a sheet measuring (40 ± 2) mm \times (100 ± 2) mm.

7 Procedure

7.1 Spot the specimen at room temperature with grade 3 water (5.1) so that, after working the water into the specimen with the glass rod, a spot of diameter approximately 20 mm is formed. In the case of water-repellent fabrics, the amount of water shall not exceed 0,5 ml.

7.2 After 2 min, assess the change in colour in the periphery of the spot with the grey scale (4.3) and/or instrumentally (see 4.4).

7.3 Dry the specimen in air at room temperature and again assess the change in colour with the grey scale (4.3) and/or instrumentally (see 4.4).

8 Test report

The test report shall include the following information:

- a) a reference to this part of ISO 105 (ISO 105-E07:2010);
- b) all details necessary for the identification of the sample tested;
- c) the numerical grey scale rating and/or instrumental assessment for the change in colour of the specimen after 2 min and after drying;
- d) any deviation, by agreement or otherwise, from the procedure specified.