

Textiles — Tests for colour fastness

Part C06: Colour fastness to domestic and commercial laundering

ICS 59.080.01

National foreword

This British Standard is the UK implementation of EN ISO 105-C06:2010. It supersedes BS EN ISO 105-C06:1997 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee TCI/81, Colour fastness and colour measurement of textiles.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Date	Comments

English Version

Textiles - Tests for colour fastness - Part C06: Colour fastness
to domestic and commercial laundering (ISO 105-C06:2010)

Textiles - Essais de solidité des coloris - Partie C06:
Solidité des coloris aux lavages domestiques et industriels
(ISO 105-C06:2010)

Textilien - Farbechtheitsprüfungen - Teil C06: Farbechtheit
bei der Haushaltswäsche und der gewerblichen Wäsche
(ISO 105-C06:2010)

This European Standard was approved by CEN on 18 February 2010.

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Foreword

This document (EN ISO 105-C06:2010) 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of an identical text or by endorsement, at the latest by September 2010, and conflicting national standards shall be withdrawn at the latest by September 2010.

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Endorsement notice

The text of ISO 105-C06:2010 has been approved by CEN as a EN ISO 105-C06:2010 without any modification.

Textiles — Tests for colour fastness —

Part C06:

Colour fastness to domestic and commercial laundering

1 Scope

This part of ISO 105 specifies methods intended for determining the resistance of the colour of textiles of all kinds and in all forms to domestic or commercial laundering procedures used for normal household articles using a reference detergent. Industrial and hospital articles may be subjected to special laundering procedures which may be more severe in some aspects.

The colour loss and staining resulting from desorption and/or abrasive action in one single (S) test closely approximates to one commercial or domestic laundering. The results of one multiple (M) test may in some cases be approximated by the results of up to five domestic or commercial laundings at temperatures not exceeding 70 °C. The M tests are more severe than the S tests because of an increase in mechanical action.

These methods do not reflect the effect of optical brighteners present in commercial washing products.

These methods are designed for the detergents and bleach systems given. Other detergents and bleach systems may require different conditions and levels of ingredients.

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-A01, *Textiles — Tests for colour fastness — Part A01: General principles of testing*

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

ISO 105-A03, *Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining*

ISO 105-A04, *Textiles — Tests for colour fastness — Part A04: Method for the instrumental assessment of the degree of staining of adjacent fabrics*

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

ISO 105-F01, *Textiles — Tests for colour fastness — Part F01: Specification for wool adjacent fabric*

ISO 105-F02, *Textiles — Tests for colour fastness — Part F02: Specification for cotton and viscose adjacent fabrics*

ISO 105-F03, *Textiles — Tests for colour fastness — Part F03: Specification for polyamide adjacent fabric*

ISO 105-F04, *Textiles — Tests for colour fastness — Part F04: Specification for polyester adjacent fabric*