

**Textiles - Tests for colour fastness -
Part C08: colour fastness to domestic
and commercial laundering using a
non-phosphate reference detergent
incorporating a low temperature bleach
activator**

Textiles - Tests for colour fastness - Part C08: colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low temperature bleach activator

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 105-C08:2003 sisaldab Euroopa standardi EN ISO 105-C08:2002 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 19.03.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 105-C08:2003 consists of the English text of the European standard EN ISO 105-C08:2002.</p> <p>This document is endorsed on 19.03.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: 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 incorporating a low temperature bleach activator</p>	<p>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 incorporating a low temperature bleach activator</p>
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ICS 59.080.01

Võtmesõnad: bleaching agents, bleaching fastness, colour fastness, colourfastness, colour-fastness tests, commercial, detergents, dyes, household linen, materials testing, procedures, reference methods, temperature test, test detergent, test equipment, testing, tests, textiles

ICS 59.080.01

English version

Textiles – Tests for colour fastness

Part C08: Colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low temperature bleach activator
(ISO 105-C08 : 2001)

Textiles – Essais de solidité des teintures – Partie C08: Solidité des teintures aux lavages domestiques et industriels, utilisant un détergent de référence sans phosphate comprenant un activateur de blanchissement à basse température (ISO 105-C08 : 2001)

Textilien – Farbechtheitsprüfungen – Teil C08: Farbechtheit bei der Haushalts- und gewerblichen Wäsche unter Verwendung eines phosphatfreien Testwaschmittels und eines bei niedrigen Temperaturen wirkenden Bleichaktivators (ISO 105-C08 : 2001)

This European Standard was approved by CEN on 2002-09-23.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

International Standard

ISO 105-C08 : 2001 Textiles – Tests for colour fastness – Part C08: Colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low temperature bleach activator,

which was prepared by ISO/TC 38 'Textiles' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 248 'Textiles and textile products', the Secretariat of which is held by BSI, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by May 2003 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 105-C08 : 2001 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

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Introduction

The test methods specified in ISO 105-C06 and that specified in this part of ISO 105 are intended to reflect the effect of laundering by domestic or commercial laundering procedures, as distinct from the washing test methods given in ISO 105-C01 to ISO 105-C05.

The general principles of testing described in ISO 105-A01 should be understood before using this part of ISO 105.

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 incorporating a low temperature bleach activator.

The colour loss and staining resulting from desorption and/or abrasive action in one single test closely approximates to one domestic or commercial laundering.

This method does not reflect the effect of optical brighteners present in some commercial washing products.

Annex A of this procedure incorporates the use of ECE¹⁾ Non-Phosphate Reference Detergent, sodium perborate tetrahydrate, and the bleach activator tetra-acetylenediamine, (TAED). An alternative test procedure using the AATCC 1993 Zero Phosphate Reference Detergent (without optical brightener), and incorporating sodium perborate monohydrate and the bleach activator, sodium nonanoyloxybenzene sulfonate (SNOBS) is currently under development.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 105. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 105 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 105-A01:1994, *Textiles — Tests for colour fastness — Part A01: General principles of testing.*

ISO 105-A02:1993, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour.*

ISO 105-A03:1993, *Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining.*

ISO 105-A04:1989, *Textiles — Tests for colour fastness — Part A04: Method for the instrumental assessment of the degree of staining of adjacent fabrics.*

ISO 105-A05:1996, *Textiles — Tests for colour fastness — Part A05: Instrumental assessment of change in colour for determination of grey scale rating.*

ISO 105-F:1985, *Textiles — Tests for colour fastness — Part F: Standard adjacent fabrics.*

1) European Colourfastness Establishment (ECE), BAM, Unter den Eichen 87, D-12203, Berlin, Germany.