



SLOVENSKI STANDARD SIST EN ISO 105-C12:2024

01-april-2024

Nadomešča:

SIST EN ISO 105-C12:2006/AC:2008

Tekstilije - Preskušanje barvne obstojnosti - Del C12: Barvna obstojnost proti industrijskemu pranju (ISO 105-C12:2024)

Textiles - Tests for colour fastness - Part C12: Colour fastness to industrial laundering (ISO 105-C12:2024)

Textilien - Farbechtheitsprüfungen - Teil C12: Farbechtheit gegen industrielle Wäsche (ISO 105-C12:2024)

Textiles - Essais de solidité des coloris - Partie C12: Solidité des coloris au lavage industriel (ISO 105-C12:2024)

Ta slovenski standard je istoveten z: EN ISO 105-C12:2024

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ICS:

59.080.01 Tekstilije na splošno Textiles in general

SIST EN ISO 105-C12:2024 en,fr,de

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EUROPEAN STANDARD

EN ISO 105-C12

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2024

ICS 59.080.01

Supersedes EN ISO 105-C12:2006

English Version

Textiles - Tests for colour fastness - Part C12: Colour fastness to industrial laundering (ISO 105-C12:2024)

Textiles - Essais de solidité des coloris - Partie C12:
Solidité des coloris au lavage industriel (ISO 105-
C12:2024)

Textilien - Farbechtheitsprüfungen - Teil C12:
Farbechtheit gegen industrielle Wäsche (ISO 105-
C12:2024)

This European Standard was approved by CEN on 12 February 2024.

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 CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 105-C12:2024) has been prepared by Technical Committee ISO/TC 38 "Tests for coloured textiles and colorants" 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 August 2024, and conflicting national standards shall be withdrawn at the latest by August 2024.

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

This document supersedes EN ISO 105-C12:2006.

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Endorsement notice

The text of ISO 105-C12:2024 has been approved by CEN as EN ISO 105-C12:2024 without any modification.

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International Standard

ISO 105-C12

Textiles — Tests for colour fastness —

Part C12: Colour fastness to industrial laundering

Textiles — Essais de solidité des coloris —

Partie C12: Solidité des coloris au lavage industriel

**Second edition
2024-02**

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ISO 105-C12:2024(en)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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This document was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 1, *Tests for coloured textiles and colorants*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 105-C12:2004), which has been technically revised.

The main changes are as follows:

- ISO 105-F:1985 was withdrawn and the test conditions of industrial laundering are seldom used for the fabrics mainly made of delicate fibres (for example silk or wool), therefore ISO 105-C12:2004/Cor 1:2007 has not been suitable to be incorporated into this method;
- addition of ISO 3696 and replacement of ISO 105-A01:1994 with ISO 105-A01 in [Clause 2](#);
- revision of clause title from “Reagents” to “Reagents and materials” in [Clause 5](#) (Former Clause 4);
- addition of “Other suitable detergent can be used if agreed upon between interested parties.” in [5.1](#) (former 4.1);
- clarification that 30 % is mass fraction in [5.3](#) (former 4.3);
- addition of sodium percarbonate as an optional reagent in [5.6](#), [8.1.3](#), [Table 1](#) and [A.1](#) (former 4.6, 7.1.3, Table 1 and A.1);
- replacement of “see 8.2 of ISO 105-A01:1994” with “in accordance with ISO 3696” in [5.7](#) (former 4.7);
- movement of “Adjacent fabrics” and “Grey scales” to the clause “Reagent and materials”;
- addition of the statement “using either a multifibre adjacent fabric or two single-fibre adjacent fabrics as specified in ISO 105-A01.” in [5.8](#) (former 5.4);