



SLOVENSKI STANDARD
SIST EN ISO 105-A01:2010

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Nadomešča:

SIST EN ISO 105-A01:1996

**Tekstilije - Preskušanje barvne obstojnosti - Del A01: Splošna načela preskušanja
(ISO 105-A01:2010)**

Textiles - Tests for colour fastness - Part A01: General principles of testing (ISO 105-A01:2010)

Textilien - Farbechtheitsprüfungen - Teil A01: Allgemeine Prüfgrundlagen (ISO 105-A01:2010)

Textiles - Essais de solidité des teintures - Partie A01: Principes généraux pour effectuer les essais (ISO 105-A01:2010)

STANDARD PREVIEW
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Ta slovenski standard je istoveten z: EN ISO 105-A01:2010

ICS:

59.080.01 Tekstilije na splošno Textiles in general

SIST EN ISO 105-A01:2010 **en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

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ICS 59.080.01

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English Version

Textiles - Tests for colour fastness - Part A01: General principles of testing (ISO 105-A01:2010)

Textiles - Essais de solidité des coloris - Partie A01:
Principes généraux pour effectuer les essais (ISO 105-
A01:2010)

Textilien - Farbechtheitsprüfungen - Teil A01: Allgemeine
Prüfgrundlagen (ISO 105-A01:2010)

This European Standard was approved by CEN on 9 January 2010.

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 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 Management Centre has the same status as the official versions.

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Foreword

This document (EN ISO 105-A01:2010) 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 July 2010, and conflicting national standards shall be withdrawn at the latest by July 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.

This document supersedes EN ISO 105-A01:1995.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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INTERNATIONAL
STANDARD

ISO
105-A01

Sixth edition
2010-01-15

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

Textiles — Essais de solidité des coloris —

Partie A01: Principes généraux pour effectuer les essais

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 105-A01 was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 1, *Tests for coloured textiles and colorants*.

This sixth edition cancels and replaces the fifth edition (ISO 105-A01:1994), which has been revised to list the current ISO 105 standards, Clause 2 has been editorially revised, and other editorial revisions have been made to update the fifth edition.

ISO 105 consists of the following parts, under the general title *Textiles — Tests for colour fastness*:

General principles:

- *Part A01: General principles of testing*
- *Part A02: Grey scale for assessing change in colour*
- *Part A03: Grey scale for assessing staining*
- *Part A04: Method for the instrumental assessment of the degree of staining of adjacent fabrics*
- *Part A05: Instrumental assessment of change in colour for determination of grey scale rating*
- *Part A06: Instrumental determination of 1/1 standard depth of colour*
- *Part A08: Vocabulary used in colour measurement*
- *Part A11: Determination of colour fastness grades by digital imaging techniques (under development)*

Colour fastness to light and weathering:

- *Part B01: Colour fastness to light: Daylight*
- *Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*
- *Part B03: Colour fastness to weathering: Outdoor exposure*
- *Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test*

- Part B05: Detection and assessment of photochromism
- Part B06: Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test
- Part B07: Colour fastness to light of textiles wetted with artificial perspiration
- Part B08: Quality control of blue wool reference materials 1 to 7
- Part B10: Artificial weathering — Exposure to filtered xenon-arc radiation (under development)

Colour fastness to washing and laundering:

- Part C06: Colour fastness to domestic and commercial laundering
- Part C07: Colour fastness to wet scrubbing of pigment printed textiles
- Part C08: Colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low temperature bleach activator
- Part C09: Colour fastness to domestic and commercial laundering — Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator
- Part C10: Colour fastness to washing with soap or soap and soda
- Part C12: Colour fastness to industrial laundering

Colour fastness to dry cleaning: (standards.iteh.ai)

- Part D01: Colour fastness to dry cleaning using perchloroethylene solvent
- Part D02: Colour fastness to rubbing: Organic solvents

Colour fastness to aqueous agents:

- Part E01: Colour fastness to water
- Part E02: Colour fastness to sea water
- Part E03: Colour fastness to chlorinated water (swimming-pool water)
- Part E04: Colour fastness to perspiration
- Part E05: Colour fastness to spotting: Acid
- Part E06: Colour fastness to spotting: Alkali
- Part E07: Colour fastness to spotting: Water
- Part E08: Colour fastness to hot water
- Part E09: Colour fastness to potting
- Part E10: Colour fastness to decatizing
- Part E11: Colour fastness to steaming
- Part E12: Colour fastness to milling: Alkaline milling