



SLOVENSKI STANDARD SIST EN ISO 105-Z06:2001

01-februar-2001

Tekstilije - Preskušanje barvne obstojnosti - Del Z06: Ocena migracije barvila in pigmenta (ISO 105-Z06:1998)

Textiles - Tests for colour fastness - Part Z06: Evaluation of dye and pigment migration (ISO 105-Z06:1998)

Textilien - Farbechtheitsprüfungen - Teil Z06: Bewertung der Migration von Farbstoffen und Pigmenten (ISO 105-Z06:1998)

Textiles - Essais de solidité des teintures - Partie Z06: Evaluation de la migration des teintures et pigments (ISO 105- Z06:1998)

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Ta slovenski standard je istoveten z: EN ISO 105-Z06:2000

ICS:

59.080.01	Tekstilije na splošno	Textiles in general
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SIST EN ISO 105-Z06:2001

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 105-Z06

August 2000

ICS 59.080.01

English version

Textiles - Tests for colour fastness - Part Z06: Evaluation of dye
and pigment migration (ISO 105-Z06:1998)

Textiles - Essais de solidité des teintures - Partie Z06:
Evaluation de la migration des teintures et pigments (ISO
105-Z06:1998)

Textilien - Farbechtheitsprüfungen - Teil Z06: Bewertung
der Migration von Farbstoffen und Pigmenten (ISO 105-
Z06:1998)

This European Standard was approved by CEN on 12 July 2000.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard from Technical Committee ISO/TC 38 "Textiles" of the International Organization for Standardization (ISO) has been taken over as an European Standard by 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 February 2001, and conflicting national standards shall be withdrawn at the latest by February 2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

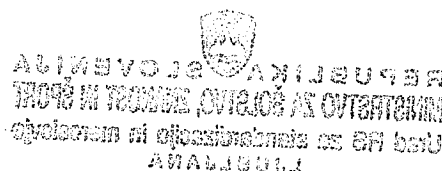
The text of the International Standard ISO 105-Z06:1998 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 105-A02	1993	Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour	EN 20105-A02	1994

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INTERNATIONAL STANDARD

ISO
105-Z06

First edition
1998-06-01

Textiles — Tests for colour fastness — Part Z06: Evaluation of dye and pigment migration

Textiles — Essais de solidité des teintures —

Partie Z06: Évaluation de la migration des teintures et pigments

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Reference number
ISO 105-Z06:1998(E)

ISO 105-Z06:1998(E)

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.

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.

International Standard ISO 105-Z06 was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 1, *Tests for coloured textiles and colorants*.

ISO 105 was previously published in thirteen "parts" each designated by a letter (e.g. "Part A»), with publication dates between 1978 and 1985. Each part contained a series of "sections", each designated by the respective part letter and by a two-digit serial number (e.g. "Section A01"). These sections are now being republished as separate documents, themselves designated "parts" but retaining their earlier alphanumeric designations. A complete list of these parts is given in ISO 105-A01.

Annex A of this part of ISO 105 is for information only.

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Textiles — Tests for colour fastness —

Part Z06:

Evaluation of dye and pigment migration

1 Scope

This part of ISO 105 describes a method for assessing the migration propensity of a pad liquor system containing dyes or pigments, subsequently referred to as colorants, and which may also contain different types and amounts of migration inhibitors. The degree of migration is obtained by visual examination or by reflectance measurements.

The test method may be used to compare the migration propensity of dyes and the effect on migration of different types of migration inhibitors, thickeners and electrolyte. The method may also be used to evaluate a pad liquor with which migration has been found on a continuous dye range.

2 Normative reference

[SIST EN ISO 105-Z06:2001](https://standards.iteh.ai/catalog/standards/sist/92fa3b33-5a08-4766-9a00-e78c300ec825/sist-en-iso-105-z06-2001)

The following standard contains provisions which, through reference in this text, constitutes provisions of this part of ISO 105. At the time of publication, the edition indicated was valid. All standards are subject to revision and parties to agreements based on this part of ISO 105 are encouraged to investigate the possibility of applying the most recent edition of the standard listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

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

3 Definitions

For the purposes of this part of ISO 105, the following definitions apply.

3.1 dye: Colorant applied to or formed on a substrate, via the molecularly dispersed state, which exhibits some degree of permanence.

3.2 migration: Movement of a chemical, dye or pigment between fibres, within a substrate or between substrates due to capillary forces.

NOTE — Migration may occur in textile processing, testing, storage and use.

3.3 pigment: Colorant in particulate form which is insoluble in a substrate, but which can be dispersed in the substrate to modify its colour.

3.4 pad: Impregnation of a substrate (usually fabric) with a liquor, followed by squeezing between rollers.