SLOVENSKI STANDARD
SIST EN ISO 105-N04:1999

01-marec-1999

Tekstilije - Preskušanje barvne obstojnosti - Del N04: Barvna obstojnost proti beljenju z natrijevim kloritom (ostri pogoji) (ISO 105-N04:1993)

Textiles - Tests for colour fastness - Part N04: Colour fastness to bleaching - Sodium chlorite (severe) (ISO 105-N04:1993)

Textilien - Farbechtheitsprüfungen - Teil N04: Bestimmung der Farbechtheit gegen Bleichen - Natriumchlorit (schwere Beanspruchung) (ISO 105-N04:1993)

Textiles - Essais de solidité des teintures - Partie N04: Solidité des teintures au blanchiment - Chlorite de sodium (essai fort) (ISO 105-N04:1993)

Ta slovenski standard je istoveten z: **EN ISO 105-N04:1995**

ICS:

59.080.01 Tekstilije na splošno Textiles in general

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English version

Textiles - Tests for colour fastness - Part N04: Colour fastness to bleaching - Sodium chlorite (severe) (ISO 105-N03:1993)

Textiles - Essais de solidité des teintures - Partie N04: Solidité des teintures au blanchiment - Chlorite de sodium (essai fort) (ISO 105-N04:1993)

Textilien - Farbechtheitsprüfungen - Teil N04: Bestimmung der Farbechtheit gegen Bleichen - Natriumchlorit (schwere Beanspruchung) (ISO 105-N04:1993)

This European Standard was approved by CEN on 1994-12-22. 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.

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CEN

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 has been taken as a European Standard by the Technical Committee CEN/TC 248 "Textiles and textile products" from ISO/TC 38 "Textiles" of the International Organization for Standardization (ISO).

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of an identical text or by endorsement, at the latest by October 1995, and conflicting national standards shall be withdrawn at the latest by October 1995.

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

Endorsement notice

The text of the International Standard ISO 105-N04:1993 has been approved by CEN as a European Standard without any modification.

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

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 (including amendments).

Publication	Year	Title	EN	Year
ISO 105-A01	1989	Textiles - Tests for colour fastness - Part A01: General principles of testing	EN 20105-A01	1992
ISO 105-A02	1993	Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour	EN 20105-A02	1994
ISO 105-A03	1993	Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining	EN 20105-A03	1994

INTERNATIONAL STANDARD

ISO 105-N04

Second edition
1993-10-01

Textiles — Tests for colour fastness —

Part N04:

Colour fastness to bleaching: Sodium chlorite (severe)

Textiles — Essais de solidité des teintures —

Partie N04: Solidité des teintures au blanchiment: Chlorite de sodium (essai fort)

Reference number
ISO 105-N04:1993(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-N04 was prepared by Technical Committee ISO/TC 38, *Textiles*, Sub-Committee SC 1, *Tests for coloured textiles and colorants*.

This second edition cancels and replaces the first edition (included in ISO 105-N:1978), of which it constitutes a minor revision.

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.

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Textiles — Tests for colour fastness —

Part N04:
Colour fastness to bleaching: Sodium chlorite (severe)

1 Scope

This part of ISO 105 specifies a method for determining the resistance of the colour of natural cellulose textiles to the action of severe bleaching with sodium chlorite as ordinarily employed in textile processing.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 105. At the time of publication, the editions indicated were 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 editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 105-A01:1989, *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-F:1985, *Textiles — Tests for colour fastness — Part F: Standard adjacent fabrics.*

ISO 105-F10:1989, *Textiles — Tests for colour fastness — Part F10: Specification for adjacent fabric: Multifibre.*

3 Principle

A specimen of the textile in contact with one or two specified adjacent fabrics is treated in a sodium chlorite solution, rinsed and dried. The change in colour of the specimen and the staining of the adjacent fabric(s) are assessed with the grey scales.

4 Apparatus and reagents

4.1 Glass container, fitted with a **reflux condenser** or other means of reducing evaporation of the bath, thus preventing the need to modify the bath during the test.

4.2 Sodium chlorite solution, 2,5 g/l, containing 0,1 g of acid sodium pyrophosphate per litre, brought to pH 3,5 with formic acid immediately before the test.

The exact concentration of the sodium chlorite employed is determined by titration with sodium thiosulfate solution.

4.3 Adjacent fabrics (see ISO 105-A01:1989, subclause 8.3).

Either:

4.3.1 A multifibre adjacent fabric, complying with ISO 105-F10.