



SLOVENSKI STANDARD SIST EN ISO 14184-2:2011

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Nadomešča:

SIST EN ISO 14184-2:1999

Tekstilije - Določevanje formaldehida - 2. del: Sproščeni formaldehid (metoda parne absorpcije) (ISO 14184-2:2011)

Textiles - Determination of formaldehyde - Part 2: Released formaldehyde (vapour absorption method) (ISO 14184-2:2011)

Textilien - Bestimmung des Gehaltes an Formaldehyd - Teil 2: Freigesetzter Formaldehyd (Wasserdampf-Absorptions-Verfahren) (ISO 14184-2:2011)

Textiles - Dosage du formaldéhyde - Partie 2: Formaldéhyde dégagé (méthode par absorption de vapeur) (ISO 14184-2:2011)

Ta slovenski standard je istoveten z: EN ISO 14184-2:2011

ICS:

59.080.01 Tekstilije na splošno Textiles in general

SIST EN ISO 14184-2:2011

en,fr

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14184-2

August 2011

ICS 59.080.01

Supersedes EN ISO 14184-2:1998

English Version

Textiles - Determination of formaldehyde - Part 2: Released formaldehyde (vapour absorption method) (ISO 14184-2:2011)

Textiles - Dosage du formaldéhyde - Partie 2:
Formaldéhyde dégagé (méthode par absorption de vapeur)
(ISO 14184-2:2011)

Textilien - Bestimmung des Gehaltes an Formaldehyd - Teil
2: Freigesetzter Formaldehyd (Wasserdampf-Absorptions-
Verfahren) (ISO 14184-2:2011)

This European Standard was approved by CEN on 14 August 2011.

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.

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Foreword

This document (EN ISO 14184-2:2011) 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of an identical text or by endorsement, at the latest by February 2012, and conflicting national standards shall be withdrawn at the latest by February 2012.

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 14184-2:1998.

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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Endorsement notice

The text of ISO 14184-2:2011 has been approved by CEN as a EN ISO 14184-2:2011 without any modification.

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INTERNATIONAL STANDARD

ISO
14184-2

Second edition
2011-08-15

Textiles — Determination of formaldehyde —

Part 2: Released formaldehyde (vapour absorption method)

iTeh STANDARD PREVIEW
Textiles — Dosage du formaldéhyde —
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Partie 2: Formaldéhyde dégagé (méthode par absorption de vapeur)

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ISO 14184-2:2011(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.

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 14184-2 was prepared by Technical Committee ISO/TC 38, *Textiles*.

This second edition cancels and replaces the first edition (ISO 14184-2:1998), of which it constitutes a minor revision.

ISO 14184 consists of the following parts, under the general title *Textiles — Determination of formaldehyde*:

- *Part 1: Free and hydrolysed formaldehyde (water extraction method)*
- *Part 2: Released formaldehyde (vapour absorption method)*

Textiles — Determination of formaldehyde —

Part 2: Released formaldehyde (vapour absorption method)

WARNING — This part of ISO 14184 calls for the use of substances and/or procedures that may be injurious to health if adequate precautions are not taken. It refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage. It has been assumed in the drafting of this part of ISO 14184 that the execution of its provisions is entrusted to appropriately qualified and experienced people.

1 Scope

This part of ISO 14184 specifies a method for determining the amount of formaldehyde released under the conditions of accelerated storage from textiles in any form by means of a vapour absorption method.

The procedure is intended for use in the range of releasable formaldehyde on the fabric between 20 mg/kg and 3 500 mg/kg when determined by this method. The lower limit is 20 mg/kg. Below this limit, the result is reported as “not detectable”.

A method for determination of free formaldehyde and formaldehyde extracted partly through hydrolysis in aqueous solution is given in ISO 14184-1.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 139:2005, *Textiles — Standard atmospheres for conditioning and testing*

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods*

3 Principle

A weighed fabric specimen is suspended over water in a sealed jar. The jar is placed in an incubator at a controlled temperature for a specified length of time. The amount of formaldehyde absorbed by the water is then determined colorimetrically.

4 Reagents

All reagents shall be of analytical reagent quality.

4.1 Distilled water or **grade 3 water** complying with ISO 3696.