

**SLOVENSKI STANDARD****SIST EN ISO 3681:2019****01-marec-2019****Nadomešča:****SIST EN ISO 3681:1998**

---

**Veziva za barve in lake - Določevanje števila umiljenja - Titracijska metoda (ISO 3681:2018)**

Binders for paints and varnishes - Determination of saponification value - Titrimetric method (ISO 3681:2018)

Bindemittel für Beschichtungsstoffe - Bestimmung der Verseifungszahl - Titrimetrisches Verfahren (ISO 3681:2018) **iTeh STANDARD PREVIEW** ([standards.iteh.ai](https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2019))

Liants pour peintures et vernis - Détermination de l'indice de saponification - Méthode titrimétrique (ISO 3681:2018) [standards.iteh.ai](https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2019)

**Ta slovenski standard je istoveten z: EN ISO 3681:2018**

---

**ICS:**

87.060.20      Veziva

Binders

**SIST EN ISO 3681:2019****en,fr,de**

## iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 3681:2019

<https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2019>

**EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM**

**EN ISO 3681**

December 2018

ICS 87.060.20

Supersedes EN ISO 3681:1998

English Version

**Binders for paints and varnishes - Determination of  
saponification value - Titrimetric method (ISO 3681:2018)**

Liants pour peintures et vernis - Détermination de  
l'indice de saponification - Méthode titrimétrique (ISO  
3681:2018)

Bindemittel für Beschichtungsstoffe - Bestimmung der  
Verseifungszahl - Titrimetrisches Verfahren (ISO  
3681:2018)

This European Standard was approved by CEN on 9 November 2018.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.  
<https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2018>



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

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

Contents	Page
European foreword.....	3

## iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 3681:2019  
<https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2019>

## European foreword

This document (EN ISO 3681:2018) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with Technical Committee CEN/TC 139 "Paints and varnishes" the secretariat of which is held by DIN.

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 June 2019, and conflicting national standards shall be withdrawn at the latest by June 2019.

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 3681:1998.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

**iTeh STANDARD PREVIEW**  
Endorsement notice  
**(standards.iteh.ai)**

The text of ISO 3681:2018 has been approved by CEN as EN ISO 3681:2018 without any modification.

SIST EN ISO 3681:2019

<https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2019>

## iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 3681:2019

<https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2019>

INTERNATIONAL  
STANDARD

ISO  
3681

Fourth edition  
2018-11

---

---

---

**Binders for paints and varnishes —  
Determination of saponification value  
— Titrimetric method**

*Liants pour peintures et vernis — Détermination de l'indice de  
saponification — Méthode titrimétrique*

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 3681:2019  
<https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2019>



Reference number  
ISO 3681:2018(E)

© ISO 2018

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 3681:2019](#)

<https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2019>



### COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Fax: +41 22 749 09 47  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

## Contents

	Page
<b>Foreword</b>	<b>iv</b>
<b>1 Scope</b>	<b>1</b>
<b>2 Normative references</b>	<b>1</b>
<b>3 Terms and definitions</b>	<b>1</b>
<b>4 Principle</b>	<b>2</b>
<b>5 Reagents</b>	<b>2</b>
<b>6 Apparatus</b>	<b>2</b>
<b>7 Sampling</b>	<b>2</b>
<b>8 Preliminary test</b>	<b>3</b>
<b>9 Procedure</b>	<b>3</b>
9.1 Number of determinations	3
9.2 Test portion	3
9.3 Determination	3
9.4 Blank test	4
<b>10 Expression of results</b>	<b>4</b>
10.1 Calculation	4
10.2 Precision	4
<b>11 Test report</b>	<b>4</b>
Annex A (normative) Binders which are saponifiable with difficulty — Determination of saponification value	6

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 3681:2019

<https://standards.iteh.ai/catalog/standards/sist/88e6ff3f-08fd-457a-aff3-418f48a48136/sist-en-iso-3681-2019>