



SLOVENSKI STANDARD
oSIST prEN ISO 2884-1:2023
01-november-2023

[Not translated]

Paints and varnishes - Determination of viscosity using rotational viscometers - Part 1: Absolute viscosity measurement with cone-plate measuring geometry at high shear rates (ISO/DIS 2884-1:2023)

Beschichtungsstoffe - Bestimmung der Viskosität mit Rotationsviskosimetern - Teil 1: Absolute Viskositätsmessung mit Kegel-Platte-Messgeometrie bei hohen Scherraten (ISO/DIS 2884-1:2023)

Peintures et vernis - Détermination de la viscosité au moyen de viscosimètres rotatifs - Partie 1: Mesurage de la viscosité absolue par géométrie de mesure cône/plateau à des vitesses de cisaillement élevées (ISO/DIS 2884-1:2023)

<https://standards.iteh.ai>
<https://standards.iteh.ai>

<https://standards.iteh.ai> Ta slovenski standard je istoveten z: [5d6-1088b46c1f7/osist-pren-iso-2884-1-2023](https://standards.iteh.ai) prEN ISO 2884-1

ICS:

87.040

Barve in laki

Paints and varnishes

oSIST prEN ISO 2884-1:2023

en,fr,de

DRAFT INTERNATIONAL STANDARD

ISO/DIS 2884-1

ISO/TC 35/SC 9

Secretariat: BSI

Voting begins on:
2023-09-04Voting terminates on:
2023-11-27

Paints and varnishes — Determination of viscosity using rotational viscometers —

Part 1:

Absolute viscosity measurement with cone-plate measuring geometry at high shear rates

ICS: 87.040

iTeh Standards (<https://standards.iteh.ai>) Document Preview

[oSIST prEN ISO 2884-1:2023](https://standards.iteh.ai/catalog/standards/sist/ce7a15d6-cbc5-4969-acb5-d0088b46c1f7/osist-pren-iso-2884-1-2023)<https://standards.iteh.ai/catalog/standards/sist/ce7a15d6-cbc5-4969-acb5-d0088b46c1f7/osist-pren-iso-2884-1-2023>

This document is circulated as received from the committee secretariat.

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENT AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

ISO/CEN PARALLEL PROCESSING



Reference number
ISO/DIS 2884-1:2023(E)

© ISO 2023

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[oSIST prEN ISO 2884-1:2023](https://standards.iteh.ai/catalog/standards/sist/ce7a15d6-cbc5-4969-acb5-d0088b46c1f7/osist-pren-iso-2884-1-2023)

<https://standards.iteh.ai/catalog/standards/sist/ce7a15d6-cbc5-4969-acb5-d0088b46c1f7/osist-pren-iso-2884-1-2023>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2023

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
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword.....	iv
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Measuring assembly.....	2
5 Sampling.....	2
6 Checking the measuring assembly.....	2
7 Procedure.....	2
8 Repeatability and measuring error.....	3
9 Test report.....	3
Annex A (informative) Cone-and-plate viscometer.....	5

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[oSIST prEN ISO 2884-1:2023](https://standards.iteh.ai/catalog/standards/sist/ce7a15d6-cbc5-4969-acb5-d0088b46c1f7/osist-pren-iso-2884-1-2023)

<https://standards.iteh.ai/catalog/standards/sist/ce7a15d6-cbc5-4969-acb5-d0088b46c1f7/osist-pren-iso-2884-1-2023>

ISO/DIS 2884-1:2023(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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 139, *Paints and varnishes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 2884-1:1999), which has been technically revised.

The main changes compared to the previous edition are as follows:

- terminology and symbols have been adapted to ISO 3219-1;
- when describing the measuring assembly, the current state of the art was taken into account and adapted to ISO 3219-2;
- reference to alternative measuring geometries has been added;
- description of the test procedure including the test report has been adapted to ISO 3219-3;
- the text has been editorially revised and the normative references have been updated.

A list of all parts in the ISO 2884 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.