SLOVENSKI STANDARD
SIST EN ISO 19403-7:2020

01-april-2020

Barve in laki - Omočljivost - 7. del: Merjenje stičnega kota na nagnjeni površini (kot tečenja) (ISO 19403-7:2017)

Paints and varnishes - Wettability - Part 7: Measurement of the contact angle on a tilt stage (roll-off angle) (ISO 19403-7:2017)

Beschichtungsstoffe - Benetzbarkeit - Teil 7: Messung des Kontaktwinkels bei Neigetischexperimenten (Abrollwinkel) (ISO 19403-7:2017)

Peintures et vernis - Mouillabilité - Partie 7: Mesurage de l'angle de contact sur un plan incliné (angle d'écroulement) (ISO 19403-7:2017)

Ta slovenski standard je istoveten z: **EN ISO 19403-7:2020**

ICS:

87.040	Barve in laki	Paints and varnishes

SIST EN ISO 19403-7:2020 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 19403-7

February 2020

ICS 01.040.87

English Version

Paints and varnishes - Wettability - Part 7: Measurement of the contact angle on a tilt stage (roll-off angle) (ISO 19403-7:2017)

Peintures et vernis - Mouillabilité - Partie 7: Mesurage de l'angle de contact sur un plan incliné (angle d'écroulement) (ISO 19403-7:2017)

Beschichtungsstoffe - Benetzbarkeit - Teil 7: Messung des Kontaktwinkels bei Neigetischexperimenten (Abrollwinkel) (ISO 19403-7:2017)

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

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

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European foreword

The text of ISO 19403-7:2017 has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 19403-7:2020 by 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of an identical text or by endorsement, at the latest by August 2020, and conflicting national standards shall be withdrawn at the latest by August 2020.

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Endorsement notice

The text of ISO 19403-7:2017 has been approved by CEN as EN ISO 19403-7:2020 without any modification.

INTERNATIONAL STANDARD

ISO 19403-7

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Paints and varnishes — Wettability —

Part 7: Measurement of the contact angle on a tilt stage (roll-off angle)

Peintures et vernis — Mouillabilité —

Partie 7: Mesurage de l'angle de contact sur un plan incliné (angle d'écroulement)

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Foreword

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

A list of all parts in the ISO 19403 series can be found on the ISO website.

Introduction

Dynamic contact angles describe the processes on the interface liquid/solid during volume increase (advancing angle) or volume decrease (receding angle) of a drop in horizontal position. As an alternative to the static method (see ISO 19403-2), for the advancing angle always a surface area is wetted, which was previously unwetted. For the receding angle, the contact angle during dewetting is observed. From the difference between advancing angle and receding angle, information on chemical homogeneity and roughness can be concluded. The receding angle is not suitable for the determination of the surface energy.