SLOVENSKI STANDARD
SIST EN ISO 306:2014

01-maj-2014

Nadomešča:
SIST EN ISO 306:2004

Polimerni materiali - Plastomeri - Ugotavljanje temperature zmehčišča po Vicatu (VST) (ISO 306:2013)

Plastics - Thermoplastic materials - Determination of Vicat softening temperature (VST) (ISO 306:2013)

Kunststoffe - Thermoplaste - Bestimmung der Vicat-Erweichungstemperatur (VST) (ISO 306:2013)

Plastiques - Matières thermoplastiques - Détermination de la température de ramollissement Vicat (VST) (ISO 306:2013)

Ta slovenski standard je istoveten z: **EN ISO 306:2013**

ICS:

83.080.20	Plastomeri	Thermoplastic materials

SIST EN ISO 306:2014 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Plastics - Thermoplastic materials - Determination of Vicat softening temperature (VST) (ISO 306:2013)

Plastiques - Matières thermoplastiques - Détermination de la température de ramollissement Vicat (VST) (ISO 306:2013)

Kunststoffe - Thermoplaste - Bestimmung der Vicat-Erweichungstemperatur (VST) (ISO 306:2013)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN ISO 306:2013) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 “Plastics” the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by May 2014, and conflicting national standards shall be withdrawn at the latest by May 2014.

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Endorsement notice

The text of ISO 306:2013 has been approved by CEN as EN ISO 306:2013 without any modification.

INTERNATIONAL STANDARD

ISO 306

Fifth edition
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Plastics — Thermoplastic materials — Determination of Vicat softening temperature (VST)

Plastiques — Matières thermoplastiques — Détermination de la température de ramollissement Vicat (VST)

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Foreword

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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. www.iso.org/directives

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The committee responsible for this document is ISO/TC 61, *Plastics*, Subcommittee SC 2, *Mechanical properties*.

This fifth edition cancels and replaces the fourth edition (ISO 306:2004), which has been technically revised. The main changes are the following additions:

— new apparatus, namely heating equipment consisting of a fluidized bed;

— precision data based on round robin testing performed in 2009;

— comparison data for tests with liquid-filled and fluidized bed.

Introduction

This revision introduces heating equipment, consisting of a fluidized bed, as a new apparatus; this is as an alternative to liquid-filled heating baths and direct-contact heating units. Fluidized beds can reach higher temperatures than traditional liquid-filled heating baths; therefore, they represent a suitable way to measure the Vicat softening temperature (VST) of thermoplastic materials having improved thermo-mechanical properties.

It was also felt necessary to add

— precision data based on round robin testing performed in 2009, and

— comparison data for tests with liquid-filled and fluidized bed.