

SLOVENSKI STANDARD SIST EN ISO 293:2023

01-maj-2023

Polimerni materiali - Preskušanci plastomerov, oblikovani s stiskanjem (ISO 293:2023)

Plastics - Compression moulding of test specimens of thermoplastic materials (ISO 293:2023)

Kunststoffe - Formgepresste Probekörper aus Thermoplasten (ISO 293:2023)

Plastiques - Moulage par compression des éprouvettes en matières thermoplastiques (ISO 293:2023)

Ta slovenski standard je istoveten z: EN ISO 293:2023

ICS:

83.080.20 Plastomeri Thermoplastic materials

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SIST EN ISO 293:2023

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM **EN ISO 293**

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Supersedes EN ISO 293:2005

English Version

Plastics - Compression moulding of test specimens of thermoplastic materials (ISO 293:2023)

Plastiques - Moulage par compression des éprouvettes en matières thermoplastiques (ISO 293:2023)

Kunststoffe - Formgepresste Probekörper aus Thermoplasten (ISO 293:2023)

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https://standards.iteh.ai/catalog/standards/sist/ab3352df-7ba8-4acd-83b5-8cc57ee4697d/sist-en-iso-293-2023



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EN ISO 293:2023 (E)

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SIST EN ISO 293:2023

European foreword

This document (EN ISO 293:2023) 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of an identical text or by endorsement, at the latest by September 2023, and conflicting national standards shall be withdrawn at the latest by September 2023.

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.

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INTERNATIONAL STANDARD

ISO 293

Fourth edition 2023-02

Plastics — Compression moulding of test specimens of thermoplastic materials

Plastiques — Moulage par compression des éprouvettes en matières thermoplastiques

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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).

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This document was prepared by Technical Committee ISO/TC *61, Plastics,* Subcommittee SC 9, *Thermoplastic materials,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 293:2004), which has been technically revised.

The main changes are as follows:

- the definition for "cooling rate" has been revised (see 3.6);
- requirements regarding the biggest clamping force and the highest platens temperature have been changed (see 4.1);
- the description of common specifications of positive mould has been given (see 4.2.3.3);
- the conditions for the use of vacuum oven while material drying have been added (see <u>5.1.1</u>);
- the methods of cooling rate have been revised (see <u>Table 1</u>);
- a bibliography has been added.

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