



SLOVENSKI STANDARD SIST EN ISO 2818:2019

01-marec-2019

Nadomešča:
SIST EN ISO 2818:2000

Polimerni materiali - Strojna priprava preskušancev (ISO 2818:2018)

Plastics - Preparation of test specimens by machining (ISO 2818:2018)

Kunststoffe - Herstellung von Probekörpern durch mechanische Bearbeitung (ISO 2818:2018)

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Plastiques - Préparation des éprouvettes par usinage (ISO 2818:2018)

Ta slovenski standard je istoveten z: EN ISO 2818:2019

[SIST EN ISO 2818:2019
https://standards.iteh.ai/en/standards/EN-ISO-2818-2019/b48-92be-44af00fc1a3/sist-en-iso-2818-2019](https://standards.iteh.ai/en/standards/EN-ISO-2818-2019/b48-92be-44af00fc1a3/sist-en-iso-2818-2019)

ICS:

83.080.01	Polimerni materiali na splošno	Plastics in general
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en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 2818

January 2019

ICS 83.080.01

Supersedes EN ISO 2818:1996

English Version

**Plastics - Preparation of test specimens by machining (ISO
2818:2018)**

Plastiques - Préparation des éprouvettes par usinage
(ISO 2818:2018)

Kunststoffe - Herstellung von Probekörpern durch
mechanische Bearbeitung (ISO 2818:2018)

This European Standard was approved by CEN on 24 December 2018.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 2818:2019) 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of an identical text or by endorsement, at the latest by July 2019, and conflicting national standards shall be withdrawn at the latest by July 2019.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.

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The text of ISO 2818:2018 has been approved by CEN as EN ISO 2818:2019 without any modification.

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INTERNATIONAL
STANDARD

ISO
2818

Fourth edition
2018-12

**Plastics — Preparation of test
specimens by machining**

Plastiques — Préparation des éprouvettes par usinage

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ISO 2818:2018(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).

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Mechanical properties*.

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.

This fourth edition cancels and replaces the third edition (ISO 2818:1994), of which it constitutes a minor revision to update the references in [Clause 2](#). It also incorporates the Technical Corrigendum ISO 2818:1994/Cor 1:2007.

Introduction

The preparation of test specimens by machining influences the finished surfaces and, in some cases, even the internal structure of the specimens. Since test results are strongly dependent on both of these parameters, exact definitions of tools and machining conditions are required for reproducible test results with machined specimens.

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