



SLOVENSKI STANDARD
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**Polimerni materiali - Ugotavljanje nateznih lastnosti - 1. del: Splošna načela
(ISO/DIS 527-1:2018)**

Plastics - Determination of tensile properties - Part 1: General principles (ISO/DIS 527-1:2018)

Kunststoffe - Bestimmung der Zugeigenschaften - Teil 1: Allgemeine Grundsätze
(ISO/DIS 527-1:2018)

Plastiques - Détermination des propriétés en traction - Partie 1: Principes généraux
(ISO/DIS 527-1:2018)

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Plastics — Determination of tensile properties —

Part 1: General principles

*Plastiques — Détermination des propriétés en traction —**Partie 1: Principes généraux*

ICS: 83.080.01

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 2, *Mechanical properties*.

This third edition cancels and replaces the second edition (ISO 527-1:2012), which has been technically revised.

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

- An error in [Fig 1](#) concerning ϵ_{tM} has been removed;
- The inconsistency concerning the accuracy of the elongation used in the calculation of the elastic modulus between [clause 5.1.5.1](#) and [Fig 1](#) and [Annex C](#) was removed. For gage lengths $L_0 \leq 50$ mm the accuracy is set to $\pm 1 \mu\text{m}$.
- Normative references are given without dates;
- Minor editorial changes.

A list of all parts in the ISO 527 series can be found on the ISO website.

