

**SLOVENSKI STANDARD**  
**oSIST prEN ISO 527-2:2010**  
**01-julij-2010**

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**Polimerni materiali - Določevanje nateznih lastnosti - 2. del: Preskusni pogoji za polimerne materiale za oblikovanje in ekstrudiranje (ISO/DIS 527-2:2010)**

Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics (ISO/DIS 527-2:2010)

Kunststoffe - Bestimmung der Zugeigenschaften - Teil 2: Prüfbedingungen für Form- und Extrusionsmassen (ISO/DIS 527-2:2010)

Plastiques - Détermination des propriétés en traction - Partie 2: Conditions d'essai des plastiques pour moulage et extrusion (ISO/DIS 527-2:2010)

**Ta slovenski standard je istoveten z: prEN ISO 527-2**

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**ICS:**

83.080.01	Polimerni materiali na splošno	Plastics in general
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**oSIST prEN ISO 527-2:2010**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN ISO 527-2**

April 2010

ICS 83.080.01

Will supersede EN ISO 527-2:1996

English Version

**Plastics - Determination of tensile properties - Part 2: Test  
conditions for moulding and extrusion plastics (ISO/DIS 527-  
2:2010)**

Plastiques - Détermination des propriétés en traction -  
Partie 2: Conditions d'essai des plastiques pour moulage et  
extrusion (ISO/DIS 527-2:2010)

Kunststoffe - Bestimmung der Zugeigenschaften - Teil 2:  
Prüfbedingungen für Form- und Extrusionsmassen  
(ISO/DIS 527-2:2010)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 249.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (prEN ISO 527-2:2010) 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 document is currently submitted to the parallel Enquiry.

This document will supersede EN ISO 527-2:1996.

### Endorsement notice

The text of ISO/DIS 527-2:2010 has been approved by CEN as a prEN ISO 527-2:2010 without any modification.

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## DRAFT INTERNATIONAL STANDARD ISO/DIS 527-2

ISO/TC 61/SC 2

Secretariat: AENOR

Voting begins on:  
2010-04-08Voting terminates on:  
2010-09-08

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

## Plastics — Determination of tensile properties —

## Part 2:

## Test conditions for moulding and extrusion plastics

*Plastiques — Détermination des propriétés en traction —**Partie 2: Conditions d'essai des plastiques pour moulage et extrusion*

(Revision of first edition of ISO 527-2:1993 and ISO 527-2:1993:Cor.1:1994)

ICS 83.080.01

(https://standards.iteh.ai)

## ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

**In accordance with the provisions of Council Resolution 15/1993 this document is circulated in the English language only.**

**Conformément aux dispositions de la Résolution du Conseil 15/1993, ce document est distribué en version anglaise seulement.**

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 527-2 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 2, *Mechanical properties*.

This second edition cancels and replaces the first edition ISO 527-2:1993, definitions and gage length, of which have been technically revised. It has also been introduced a test method for the determination of Poisson ratio and the strain interval is extended far beyond the strain region for the modulus determination.

ISO 527 consists of the following parts, under the general title *Plastics — Determination of tensile properties of plastics*:

- *Part 1: General principles*
- *Part 2 :Test conditions for moulding and extrusion plastics*
- *Part 3: Test conditions for films and sheets:*
- *Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites*
- *Part 5: Test conditions for unidirectional fibre-reinforced plastic composites*