SLOVENSKI STANDARD
oSIST prEN ISO 527-2:2024

01-november-2024

Polimerni materiali - Ugotavljanje nateznih lastnosti - 2. del: Preskusni pogoji za polimerne materiale za oblikovanje in ekstrudiranje (ISO/DIS 527-2:2024)

Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics (ISO/DIS 527-2:2024)

Kunststoffe - Bestimmung der Zugeigenschaften - Teil2: Prüfbedingungen für Form-und Extrusionsmassen (ISO/DIS 527-2:2024)

Plastiques - Détermination des propriétés en traction - Partie 2: Conditions d'essai des plastiques pour moulage et extrusion (ISO/DIS 527-2:2024)

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

ICS:

83.080.01	Polimerni materiali na splošno	Plastics in general

oSIST prEN ISO 527-2:2024 **en,fr,de**

DRAFT International Standard

ISO/DIS 527-2

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

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ISO/TC **61**/SC **2**

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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 third edition cancels and replaces the second edition (ISO 527-2:2012), which has been technically revised.

The main changes are as follows:

— Figure 1 and Table 1 moved from chpt. 11 to chpt. 6.1

— Chpt. 6.6 Number of test specimens has been renumbered by chpt. 7 to be coincindent with ISO 527-1:2019

— The reference to ISO 3167 has been replaced with ISO 20753;

— Test specimen 1A and 1B has been replaced by test specimen A1 and A2 acc. ISO 20753;

— Small test specimen in Annex A, Type 1BA and 1BB has been replaced by reduced scale specimen as specified in ISO 20753

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

— *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*