

DIN EN ISO 527-5



ICS 83.120

Supersedes
DIN EN ISO 527-5:2010-01

**Plastics –
Determination of tensile properties –
Part 5: Test conditions for unidirectional fibre-reinforced plastic
composites (ISO 527-5:2021);
English version EN ISO 527-5:2021,
English translation of DIN EN ISO 527-5:2022-05**

Kunststoffe –
Bestimmung der Zugeigenschaften –
Teil 5: Prüfbedingungen für unidirektional faserverstärkte Kunststoffverbundwerkstoffe
(ISO 527-5:2021);
Englische Fassung EN ISO 527-5:2021,
Englische Übersetzung von DIN EN ISO 527-5:2022-05

Plastiques –
Détermination des propriétés en traction –
Partie 5: Conditions d'essai pour les composites plastiques renforcés de fibres
unidirectionnelles (ISO 527-5:2021);
Version anglaise EN ISO 527-5:2021,
Traduction anglaise de DIN EN ISO 527-5:2022-05

Document comprises 25 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN ISO 527-5:2021) has been prepared by Technical Committee ISO/TC 61 “Plastics” in collaboration with Technical Committee CEN/TC 249 “Plastics” (Secretariat: NBN, Belgium).

The responsible German body involved in its preparation was *DIN-Normenausschuss Kunststoffe* (DIN Standards Committee Plastics), Working Committee NA 054-02-02 AA “Reinforced plastics and thermosetting materials”.

The DIN documents corresponding to the documents referred to in this document are as follows:

ISO 527-1:2019	DIN EN ISO 527-1:2019-12
ISO 2818	DIN EN ISO 2818
ISO 3534-1	DIN ISO 3534-1
ISO 16012	DIN EN ISO 16012

For current information on this document, please go to DIN's website (www.din.de) and search for the document number in question.

Amendments

This standard differs from DIN EN ISO 527-5:2010-01 as follows:

- a) the clamping force and clamping pressure have been adapted (e.g. using a torque spanner or a pressure gauge depending on the clamping system used);
- b) Annex C has been included;
- c) the standard has been editorially revised.

Previous editions

DIN EN ISO 527-5: 1997-07, 2009-10, 2010-01

National Annex NA (informative)

Bibliography

DIN EN ISO 527-1:2019-12, *Plastics — Determination of tensile properties — Part 1: General principles (ISO 527-1:2019)*

DIN EN ISO 2818, *Plastics — Preparation of test specimens by machining*

DIN EN ISO 16012, *Plastics — Determination of linear dimensions of test specimens*

DIN ISO 3534-1, *Statistics — Vocabulary and symbols — Part 1: General statistical terms and terms used in probability*

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