BS EN ISO 527-2:2025

BSI Standards Publication

Plastics — Determination of tensile properties

Part 2: Test conditions for moulding and extrusion plastics

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National foreword

This British Standard is the UK implementation of EN ISO 527-2:2025. It is identical to ISO 527-2:2025. It supersedes BS EN ISO 527-2:2012, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/21, Testing of plastics.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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English Version

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Plastiques - Détermination des propriétés en traction - Partie 2: Conditions d'essai des plastiques pour moulage et extrusion (ISO 527-2:2025)

Kunststoffe - Bestimmung der Zugeigenschaften - Teil 2: Prüfbedingungen für Form-und Extrusionsmassen (ISO 527-2:2025)

This European Standard was approved by CEN on 28 December 2024.

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European foreword

This document (EN ISO 527-2:2025) 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 SIS.

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of an identical text or by endorsement, at the latest by December 2025, and conflicting national standards shall be withdrawn at the latest by December 2025.

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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Endorsement notice

The text of ISO 527-2:2025 has been approved by CEN as EN ISO 527-2:2025 without any modification.

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Foreword

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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 document 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 2, *Mechanical behavior*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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 have been moved from Clause 11 to subclause 6.1;

— former subclause 6.6, Number of test specimens, has been renumbered as Clause 7 to align with ISO 527-1:2019;

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

— test specimens 1A and 1B have been replaced by test specimen A1 and A2 according to ISO 20753;

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

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

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