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English Version

Plastics - Acquisition and presentation of comparable single-point data - Part 1: Moulding materials (ISO 10350- 1:2025)

Plastiques - Acquisition et présentation de
caractéristiques intrinsèques comparables - Partie 1:
Matériaux pour moulage (ISO 10350-1:2025)

Kunststoffe - Ermittlung und Darstellung
vergleichbarer Einpunktkennwerte - Teil 1:
Formmassen (ISO 10350-1:2025)

This European Standard was approved by CEN on 11 October 2024.

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European foreword

This document (EN ISO 10350-1:2025) 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of an identical text or by endorsement, at the latest by August 2025, and conflicting national standards shall be withdrawn at the latest by August 2025.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 10350-1:2025 has been approved by CEN as EN ISO 10350-1:2025 without any modification.

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**International
Standard**

ISO 10350-1

**Plastics — Acquisition and
presentation of comparable single-
point data —**

**Part 1:
Moulding materials**

*Plastiques — Acquisition et présentation de caractéristiques
intrinsèques comparables —*

Partie 1: Matériaux pour moulage

**Fourth edition
2025-01**

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ISO 10350-1:2025(en)

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 fourth edition cancels and replaces the third edition (ISO 10350-1:2017), which has been technically revised.

The main changes are as follows:

- “Specimen type” columns have been clarified by adding specimen type designations specified in ISO 20753;
- σ_b symbols of the stress at break and the strain at break have been harmonized with those used in ISO 527-1;
- the formula attached to the x-axis has been corrected;
- “Property” column 2.12 has been corrected to “2.12 Charpy unnotched impact strength”.

A list of all parts in the ISO 10350 series can be found on the ISO website.

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