
Plastics — Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials —

**Part 2:
Preparation of test specimens and
determination of properties**

Plastiques — Matériaux à base de polyéthylène à très haute masse moléculaire (PE-UHMW) pour moulage et extrusion —

Partie 2: Préparation des éprouvettes et détermination des propriétés

ISO 21304-2:2021

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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 documents 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 9, *Thermoplastic materials*, 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 first edition of ISO 21304-2 cancels and replaces ISO 11542-2:1998, which has been technically revised. It also incorporates the Technical Corrigendum ISO 11542-2:1998/Cor 1:2007.

The main changes compared to the previous edition are as follows:

- updated the normative references to the latest version;
- added terms and definitions (see [Clause 3](#));
- revised the contents and structures of [Table 2](#) and [Table 3](#) according to the revised ISO 10350-1;
- added new [Annex A](#);
- revised the masses of weights used to load specimen in [Table B.1](#) (former Table A.1);
- revised [Figure B.1](#), [Figure B.2](#), [Figure B.3](#) and [Figure C.1](#) (former Figures A.1, A.2, A.3 and B.1).

A list of all parts in the ISO 21304 series can be found on the ISO website.

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