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Third edition
2023-02

Plastics — Thermomechanical analysis (TMA) —

Part 1: General principles

Plastiques — Analyse thermomécanique (TMA) —

Partie 1: Principes généraux



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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 5, *Physical-chemical properties*.

This third edition cancels and replaces the second edition (ISO 11359-1:2014), which has been technically revised.

The main changes are as follows:

- the optional use of a cooling device has been added;
- the temperature calibration using the single sensor-DTA technique has been added;
- additional temperature calibration specimens have been specified for different deformation techniques;
- the list of temperature calibration substances has been extended;
- a correction method taking into account the influence of the change of length of the measuring probe has been added.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.