Second edition
2014-01-15

Plastics — Thermomechanical analysis (TMA) —

Part 1: General principles

Plastiques — Analyse thermomécanique (TMA) —

Partie 1: Principes généraux

Reference number
ISO 11359-1:2014(E)

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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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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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*.

This second edition cancels and replaces the first edition (ISO 11359-1:1999), which has been technically revised with the following changes:

— clarification that deformations shall occur under constant load;

— inclusion of reference to ISO 472 in Definitions and cancellation of duplicate and trivial definitions;

— revision of apparatus requirements following guidelines specified in ISO 11357-1 and update of accuracy specifications;

— revision of specification of temperature calibration;

— revision of specification of displacement and sample length measurement.

ISO 11359 consists of the following parts, under the general title *Plastics — Thermomechanical analysis (TMA)*:

— *Part 1: General principles*

— *Part 2: Determination of coefficient of linear thermal expansion and glass transition temperature*

— *Part 3: Determination of penetration temperature*

