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Plastics — Organic recycling — Specifications for compostable plastics

Plastiques — Recyclage organique — Spécifications pour les plastiques compostables

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Contents

Page

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 14, *Environmental aspects*.

This third edition cancels and replaces the second edition (ISO 17088:2012), which has been technically revised.

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

— in Clause 3:

  — the following terms have been added: organic recycling, anaerobic digestion, per- and poly-fluorinated compound, well-managed industrial composting process, industrial composting, organic constituents, home composting;

  — the term catalyst has been deleted;

— 6.1.4 has been deleted;

— a new subclause, 6.2.2, on variation in permitted thickness has been added;

— in 6.3, requirements regarding biodegradability of constituents have been revised;

— in 6.3.1.1, the following references have been added as additional laboratory test methods for biodegradation testing: ISO 14851, ISO 14852, ISO 17556;

— a new subclause, 6.3.2, on potential for biogas production has been added;

— 6.4 has been extended covering ecotoxicity tests with representative species from three trophic levels;

— in 6.5, new requirements regarding control of constituents with respect to per- and poly-fluorinated compounds (PFCs) and hazardous substances (as specified in Annex B) have been included;

— the list of regulated metals in EU + EFTA countries has been revised;

— new annexes, Annex B, Annex C, Annex E and Annex F, have 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.