
**Plastics — Carbon and environmental
footprint of biobased plastics —**

Part 2:

**Material carbon footprint, amount
(mass) of CO₂ removed from the
air and incorporated into polymer
molecule**

*Plastiques — Empreinte carbone et environnementale des plastiques
biosourcés —*

*Partie 2: Empreinte carbone des matériaux, quantité (masse) de CO₂
captée dans l'air et incorporée dans les molécules de polymères*

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 14, *Environmental aspects*.

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Introduction

Increased use of biomass resources for manufacturing plastic products can be effective in reducing global warming and the depletion of fossil resources.

Current plastic products are composed of biobased synthetic polymers, fossil-based synthetic polymers, natural polymers and additives that can include biobased materials.

Biobased plastics refer to plastics that contain materials wholly or partly of biogenic origin.

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