
Plastics — Biobased content —
Part 1:
General principles

Plastiques — Teneur biosourcée —
Partie 1: Principes généraux

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms, definitions, and symbols	1
3.1 Terms and definitions.....	1
3.2 Symbols.....	3
4 Principle	3
5 Calculation methods for biobased content	5
5.1 Biobased carbon content — x_B^{TOC} and x_B^{TC}	5
5.1.1 Biobased carbon content expressed as a percentage of the total organic carbon ..	5
5.1.2 Biobased carbon content expressed as a percentage of the total carbon.....	5
5.2 Biobased synthetic polymer content of a product.....	6
5.2.1 Biobased synthetic polymers of product derived wholly from biomass.....	6
5.2.2 Biobased synthetic polymers of product derived partly from biomass.....	6
5.3 Biobased mass content.....	7
5.3.1 Biobased constituents of product derived wholly from biomass.....	7
5.3.2 Biobased constituents of product derived partly from biomass.....	7
Annex A (informative) Examples for calculation of biobased carbon content	8
Annex B (informative) Examples for calculation of biobased synthetic polymer content and biobased mass content	9
Bibliography	11

Foreword

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

ISO 16620 consists of the following parts, under the general title *Plastics — Biobased content*:

- *Part 1: General principles*
- *Part 2: Determination of biobased carbon content*
- *Part 3: Determination of biobased synthetic polymer content*

The following parts are under preparation:

- *Part 4: Determination of the biobased mass content*
- *Part 5: Declaration of biobased carbon content, biobased synthetic polymer content and biobased mass content*

Introduction

Increased use of biomass resources for manufacturing plastic products is 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.

In this series of International Standards, the biobased content of biobased plastics refers to the amount of the biobased carbon content, the amount of the biobased synthetic polymer content, or the amount of the biobased mass content only.

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