



E-book Price
US\$ 169.00

Print-on-Demand
US\$ 203.00

Institutional E-Book Price
US\$ 676.00

Author:
Martin Koller
Austria

eISBN: 978-1-68108-373-5

Microbial Biopolyester Production, Performance and Processing: Bioengineering, Characterization, and Sustainability Volume 2

www.ebooks.benthamscience.com/book/9781681083735/

About the eBook

This volume is a compilation of eight chapters covering bacterial polyesters, green plastics and PHAs from various angles. The contents of this volume focus on sustainable practices focus on the sustainability of processes that involve the synthesis and recycling of these materials.

Contents

- Bacterial Polyesters: The Issue of their Market Acceptance and Potential Solutions
- Sustainability and Plastics
- Kinetic Aspects and Mathematical Modeling of PHA Biosynthesis
- Bioreactor Design and Biochemical Consideration for PHB Production: Bioengineering Approaches
- Recovery and Characterization of Polyhydroxyalkanoates
- Current and Emerging Advanced Analytical Technologies for Biopolyesters Characterization
- 3HB-Based Copolymers and Unusual PHA Homopolymers
- Microbial Bio-polyesters: Crystallinity and Mechanical Properties

For Advertising Inquiries: Contact: marketing@benthamscience.org