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Nota di contenuto	Plastics and Sustainability: Towards a Peaceful Coexistence between Bio-based and Fossil Fuel-based Plastics; Contents; Acknowledgements; Preface; 1 General Introduction; 1.1 What is Environmental Sustainability?; 1.2 Facing the Contradictions of Plastics; 1.3 Plastics at Play in Consumer Lifestyles; 1.4 Controversies Concerning Plastics: Recent Examples; 1.4.1 PVC and Phthalate Plasticizers; 1.4.2 Plastic Shopping Bags; 1.4.3 Health Effects of BPA (Bisphenol-A); 1.5 The Desire to be "Green"; 1.5.1 Consumer Interest in Sustainability; 1.5.2 Sustainability: Views and Counterviews 1.6 The Course of This Book: A Chapter-by-Chapter Overview References; 2 The Life Cycles of Plastics; 2.1 "Green Principles" - A Basis for Discussion; 2.2 Life Cycle Assessment (LCA) - A Baseline Tool;

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Automotive Plastics and Sustainability

4.4.1 Fuel-saving Contributions of Plastics

Sommario/riassunto

"This book addresses an issue of current importance to plastics and manufacturing industry readers, and also to society as a whole. Its guiding question concerns the production, consumption, use, and disposal of plastic products, and how our cultural practice of relying on plastic products can (if it can) fit our needs for a sustainable economy and world. It discusses all possible footprints of plastics use, not just focusing on greenhouse gas production, but also on toxicity and human health, societal standards, and effects on ecosystems"--
