Designing polymers and developing polymerization processes that are safe, prevent pollution, and are more efficient in the use of materials and energy is an important topic in modern chemistry. Today, green polymer research can be seen increasingly in academia and industry. It tackles all aspects of polymers and polymerization - everything from chemical feedstocks, synthetic pathways, and reaction media to the nature of the final polymer as related to its inherent nontoxicity or degradability. This book summarizes and evaluates the latest developments in green polymerization methods. Specifically, new catalytic methods and processes which incorporate renewable resources will be discussed by leading experts in the field of polymer chemistry. This book is a must-have for Polymer Chemists, Chemists Working with/on Organometallics, Biochemists, Physical Chemists, Chemical Engineers, Biotechnologists, Materials Scientists, and Catalytic Chemists.

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