



## Principles of Polymerization, Fourth Edition (Hardback)

By George Odian

John Wiley and Sons Ltd, United States, 2004. Hardback. Condition: New. 4th Revised ed..  
Language: English . Brand New Book. The new edition of a classic text and reference The large chains of molecules known as polymers are currently used in everything from wash and wear clothing to rubber tires to protective enamels and paints. Yet the practical applications of polymers are only increasing; innovations in polymer chemistry constantly bring both improved and entirely new uses for polymers onto the technological playing field. Principles of Polymerization, Fourth Edition presents the classic text on polymer synthesis, fully updated to reflect today s state of the art. New and expanded coverage in the Fourth Edition includes: Metallocene and post-metallocene polymerization catalysts Living polymerizations (radical, cationic, anionic) Dendrimer, hyperbranched, brush, and other polymer architectures and assemblies Graft and block copolymers High-temperature polymers Inorganic and organometallic polymers Conducting polymers Ring-opening polymer ization In vivo and in vitro polymerization Appropriate for both novice and advanced students as well as professionals, this comprehensive yet accessible resource enables the reader to achieve an advanced, up-to-date understanding of polymer synthesis. Different methods of polymerization, reaction parameters for synthesis, molecular weight, branching and crosslinking, and the chemical and physical...



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