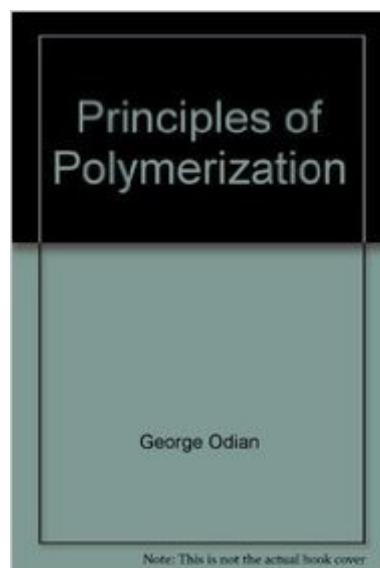


The book was found

Principles Of Polymerization



Book Information

Paperback

Publisher: Wiley; 4th edition (2004)

Language: English

ISBN-10: 9812531556

ISBN-13: 978-9812531551

Average Customer Review: 3.6 out of 5 starsÂ See all reviewsÂ (16 customer reviews)

Best Sellers Rank: #441,871 in Books (See Top 100 in Books) #9 inÂ Books > Science & Math > Chemistry > Polymers & Macromolecules

Customer Reviews

The book is becoming quickly outdated and lacks a comprehensive review of major advances in polymer chemistry. The book has a strong focus on reaction kinetics and equations as it pertains to both step growth and free radical chemistries, however, the synthesis and applications are lacking. The book could use a much better section on controlled radical polymerization. Overall not in love with the book, but it provides a solid fundamental understanding of polymer chemistry.

While Hiemenz/Lodge-Polymer Chemistry supplies good detail it is a bit dry. I have often referred to Odian to clarify a concept in more understandable terms. Additionally, some of the examples in Lodge are terrible. Polymer Chemistry was the required text for my Polymers course and Odian has helped me tremendously for test prep, etc. I would highly recommend the purchase. Regarding quality, book was new as described with fast shipping.

I took a course last year in Polymer Chemistry and this text was the standard text book. It was an amazingly great reference book. This book mainly target on Polymerization synthesis and characterization. If you are interested in the mechanical properties of polymer, you should look for other one. But this is a must for all polymer chemists and material scientists who are interested in polymer processing.

I can see this being more useful to someone who has been in the field for years but certainly not a textbook students to learn from. The author gives a dry, boring journey into polymers that is more encyclopedic than learning.

I did some synthesis through my BS, MS, and even PhD career, and used a number of books in order to truly master the subject. Overall, I recommend Sperling's book, Allcock's, Rodriguez, and Craver & Provder. I used other editions of these books during my BS when I was doing synthesis.

I have been using this book for several years, including a term where it was the primary text for a graduate-level Introduction to Polymers course. As textbooks go, I have found this one relatively easy to read, and the concepts easy to follow. It is quite comprehensive, but assumes an undergraduate background in organic and physical chemistry. Since the course, it has been a handy reference in my research, though, as someone else noted, it is lacking in respect to living polymerizations, particularly Atom Transfer Radical Polymerization. However, Odian's work remains one of the most useful textbooks from my graduate classes.

Good book that covers all the basics of polymer science.

The Bible in Polymers as they say, really helpfull!

[Download to continue reading...](#)

Principles of Polymerization Principles of Polymerization, 3rd Edition Metalorganic Catalysts for Synthesis and Polymerization: Recent Results by Ziegler-Natta and Metallocene Investigations Photoinitiated Polymerization (ACS Symposium Series) Emulsion Polymerization The Chemistry of Radical Polymerization, Second Edition Ionic Polymerization and Living Polymers The Complete Works of Herbert Spencer: The Principles of Psychology, The Principles of Philosophy, First Principles and More (6 Books With Active Table of Contents) 30 Life Principles (Life Principles Study) Principles of Molecular Virology (Standard Edition), Fourth Edition (Cann, Principles of Molecular Virology) Principles of Dental Imaging (PRINCIPLES OF DENTAL IMAGING (LANGLAND) Chestnut's Obstetric Anesthesia: Principles and Practice: Expert Consult - Online and Print, 5e (Chestnut, Chestnut's Obstetric Anesthesia: Principles and Practice) Colposcopy: Principles and Practice, Text with DVD, 2e (Apgar, Colposcopy: Principles and Practice) Lookingbill and Marks' Principles of Dermatology (PRINCIPLES OF DERMATOLOGY (LOOKINGBILL)) Felson's Principles of Chest Roentgenology, A Programmed Text, 4e (Goodman, Felson's Principles of Chest Roentgenology) Cardiopulmonary Bypass: Principles and Practice (Gravlee, Cardiopulmonary Bypass: Principles and Practice) Felson's Principles of Chest Roentgenology Text with CD-ROM, 3e (Goodman, Felson's Principles of Chest Roentgenology) ASTNA Patient Transport: Principles and Practice (Air & Surface Patient Transport: Principles and Practice)

Principles and Practice of Psychiatric Nursing, 10e (Principles and Practice of Psychiatric Nursing (Stuart)) Foye's Principles of Medicinal Chemistry (Lemke, Foye's Principles of Medicinal Chemistry)

[Dmca](#)