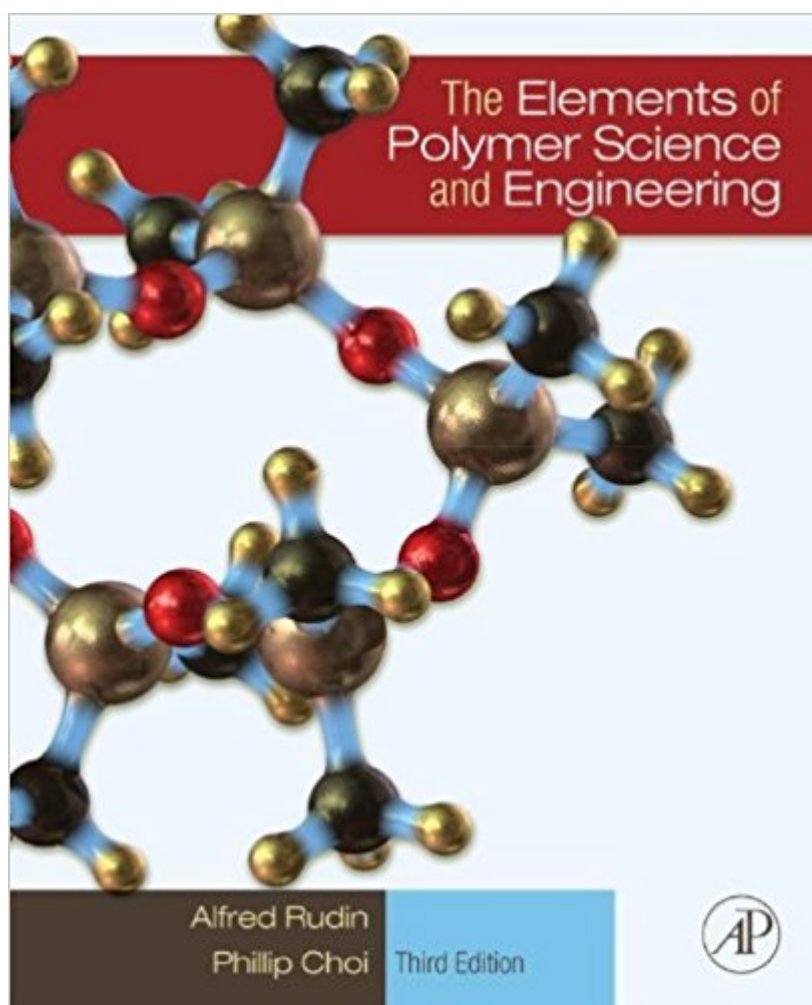


The book was found

The Elements Of Polymer Science And Engineering (Elements Of Polymer Science & Engineering)



Synopsis

The Elements of Polymer Science and Engineering, Third Edition, is a textbook for one- or two-semester introductory courses in polymer science and engineering taught primarily to senior undergraduate and first-year graduate students in a variety of disciplines, but primarily chemical engineering and materials science. Since the publication of the second edition in 1999, the field of polymers has advanced considerably. A key feature of this new edition is the inclusion of new concepts such as polymer nanocomposites and metallocene catalysts in existing chapters as well as new chapters covering selected contemporary topics such as behavior of natural polymers, polymer dynamics, and diffusion in polymers. This book has been completely reorganized to become more aligned with how instructors currently teach the course. There are now several enhancements to the book's pedagogy, including the addition of numerous worked examples and new figures to better illustrate key concepts and the addition of a large number of end-of-chapter exercises, many of which are based on recently published research and relevant industrial data. This third edition will appeal to advanced undergraduate and graduate students in the physics, chemistry, and chemical engineering departments who are taking courses related to polymer science and engineering, as well as engineers new to the field of polymers. Focuses on applications of polymer chemistry, engineering, and technology Explains terminology, applications, and versatility of synthetic polymers Connects polymerization chemistry with engineering applications Contains practical lead-ins to emulsion polymerization, viscoelasticity, and polymer rheology

Book Information

File Size: 11641 KB

Print Length: 584 pages

Publisher: Academic Press; 3 edition (December 31, 2012)

Publication Date: December 31, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B00AMZZQQQ

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #2,181,375 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #93 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Chemical > Polymer Chemistry #94 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Materials Science > Polymer Science #98 in Books > Science & Math > Chemistry > Polymers & Macromolecules

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

Elements of Polymer Science & Engineering, Second Edition: An Introductory Text and Reference for Engineers and Chemists (The Elements of Polymer Science and Engineering) The Elements of Polymer Science and Engineering, Third Edition (Elements of Polymer Science & Engineering) The Elements of Polymer Science and Engineering (Elements of Polymer Science & Engineering) Polymer Clay: The Ultimate Beginners Guide to Creating Animals in 30 Minutes or Less! (Polymer Clay - Polymer Clay for Beginners - Clay - Polymer Clay Animals - Polymer Clay Jewelry - Sculpture) Cute Polymer Clay Popsicles & Ice Cream: Polymer Clay Kawaii Food Charms (Polymer Clay Kawaii Charms Book 1) Methods of X-ray and Neutron Scattering in Polymer Science (Topics in Polymer Science) Functional Polymer Coatings: Principles, Methods, and Applications (Wiley Series on Polymer Engineering and Technology) Freezing Colloids: Observations, Principles, Control, and Use: Applications in Materials Science, Life Science, Earth Science, Food Science, and Engineering (Engineering Materials and Processes) Polymer clay: All the basic and advanced techniques you need to create with polymer clay Polymer clay: All the basic and advanced techniques you need to create with polymer clay. (Volume 1) SCULPTING THE EASY WAY IN POLYMER CLAY FOR BEGINNERS 2: How to sculpt a fairy head in Polymer clay (Sculpting the easy way for beginners) Polymer animal clay : Learning how to create life like animals out of polymer clay The Encyclopedia of Polymer Clay Techniques: A Comprehensive Directory of Polymer Clay Techniques Covering a Panoramic Range of Exciting Applications Polymer Synthesis, Second Edition: Volume 1 (Polymer Syntheses) Fundamentals of Polymer Engineering, Revised and Expanded (Plastics Engineering) Polyurethanes: Science, Technology, Markets, and Trends (Wiley Series on Polymer Engineering and Technology) Concise Encyclopedia of Polymer Science and Engineering Essentials of Polymer Science and Engineering Polymer Engineering Science and Viscoelasticity: An Introduction Elements of Chemical Reaction Engineering (5th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences)

Contact Us

DMCA

Privacy

FAQ & Help