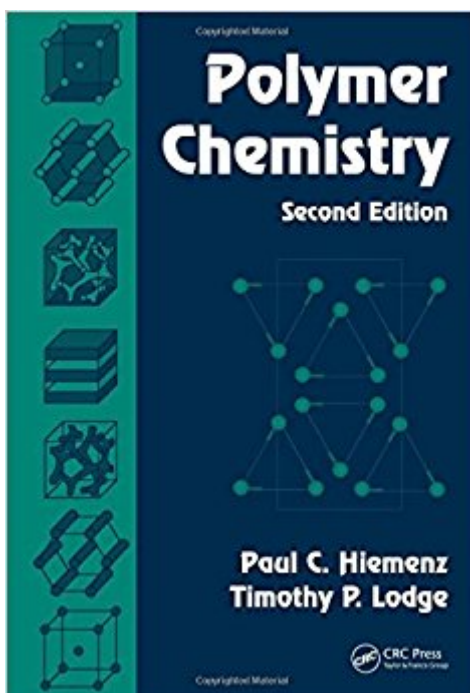


The book was found

Polymer Chemistry, Second Edition



Synopsis

• “ CHOICE New Edition Offers Improved Framework for Understanding Polymers Written by well-established professors in the field, Polymer Chemistry, Second Edition provides a well-rounded and articulate examination of polymer properties at the molecular level. It focuses on fundamental principles based on underlying chemical structures, polymer synthesis, characterization, and properties. Consistent with the previous edition, the authors emphasize the logical progression of concepts, rather than presenting just a catalog of facts. The book covers topics that appear prominently in current polymer science journals. It also provides mathematical tools as needed, and fully derived problems for advanced calculations. This new edition integrates new theories and experiments made possible by advances in instrumentation. It adds new chapters on controlled polymerization and chain conformations while expanding and updating material on topics such as catalysis and synthesis, viscoelasticity, rubber elasticity, glass transition, crystallization, solution properties, thermodynamics, and light scattering. Polymer Chemistry, Second Edition offers a logical presentation of topics that can be scaled to meet the needs of introductory as well as more advanced courses in chemistry, materials science, and chemical engineering.

Book Information

Hardcover: 608 pages

Publisher: CRC Press; 2 edition (February 15, 2007)

Language: English

ISBN-10: 1574447793

ISBN-13: 978-1574447798

Product Dimensions: 10.2 x 7.2 x 1.4 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 18 customer reviews

Best Sellers Rank: #37,218 in Books (See Top 100 in Books) #4 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles #41 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science #90 in Books > Science & Math > Chemistry > Organic

Customer Reviews

...an unusual book with a very realistic educational approach, designed to give the student or any reader an interesting and, in fact, fascinating body of valuable and stimulating information. ---Journal

of Polymer Science --This text refers to an out of print or unavailable edition of this title.

This 2nd edition is nearly a total rewrite. The fine structure of the first edition is greatly strengthened by the most recent advances in polymer science and crystal clear explanations of the important phenomena, especially in polymer physics. Worked exercises and challenging homework problems aid student learning. I have used all the major texts to teach introductory polymer science to seniors and also graduate students in chemical engineering, materials science, chemistry and biomedical engineering. Hiemenz and Lodge is the clearly the best.Â Polymer Chemistry, Second Edition

I was required to get this book for a college polymer class. Its not bad, but it does lack in examples. It never fully explains how to do many types of problems, which makes studying for exams much harder. If your prof fills in the blanks, its okay, or if you just want to understand some general principles, its great. It just lacks on the particular details of solving more complex problems.

Very nice book. It helps a lot with the basic understanding in polymers.

I read few chapters and found it is well written. It was very useful for me to understand they the book was trying to tell. This was the first time I ever read anything about polymer but still I found the book readable.

Nice

good for this price

If you are buying one polymer physics book make it this one.

I'm using this book and the Rubinstein book for a polymer physical chemistry class. Hiemenz and Lodge do a great job explaining things.

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

Polymer Clay: The Ultimate Beginners Guide to Creating Animals in 30 Minutes or Less! (Polymer Clay - Polymer Clay for Beginners - Clay - Polyer Clay Animals - Polymer Clay Jewelry - Sculpture) Cute Polymer Clay Popsicles & Ice Cream: Polymer Clay Kawaii Food Charms (Polymer Clay Kawaii Charms Book 1) Elements of Polymer Science & Engineering, Second Edition: An

Introductory Text and Reference for Engineers and Chemists (The Elements of Polymer Science and Engineering) Polymer Synthesis, Second Edition: Volume 1 (Polymer Syntheses) Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review The Elements of Polymer Science and Engineering, Third Edition (Elements of Polymer Science & Engineering) Introduction to Polymer Science and Chemistry: A Problem-Solving Approach, Second Edition Polymer Chemistry, Second Edition Polymer clay: All the basic and advanced techniques you need to create with polymer clay 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 clay: All the basic and advanced techniques you need to create with polymer clay. (Volume 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) The Elements of Polymer Science and Engineering (Elements of Polymer Science & Engineering) Contemporary Polymer Chemistry (3rd Edition) Introduction to Polymer Chemistry, Third Edition What is Organic Chemistry? Chemistry Book 4th Grade | Children's Chemistry Books

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)