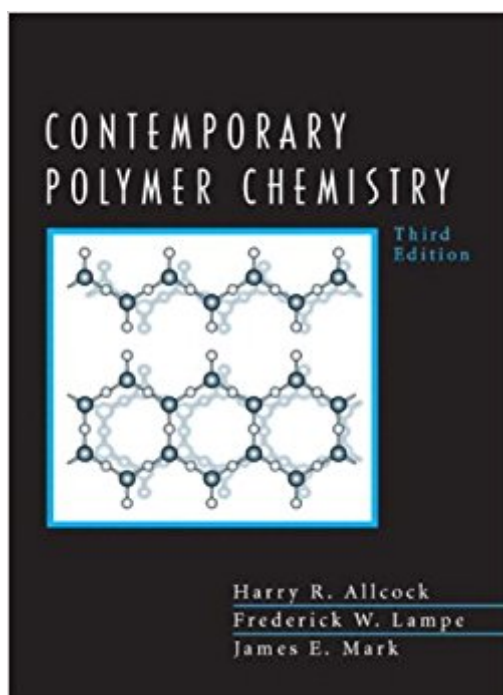


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Contemporary Polymer Chemistry (3rd Edition)



Synopsis

This book provides comprehensive, up-to-date, and accessible coverage of the relationship between fundamental chemistry and the uses of polymers. With help from new co-author James Mark, the book presents a complete overview of the synthetic, kinetic, structural, and applied aspects of modern polymer chemistry as well as coverage of industrial and medical applications. For chemists and chemical engineers involved in polymer chemistry.

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Customer Reviews

A complete overview of the synthetic, kinetic, structural, and applied aspects of modern polymer chemistry. --This text refers to an out of print or unavailable edition of this title.

This book provides comprehensive, up-to-date, and accessible coverage of the relationship between fundamental chemistry and the uses of polymers. With help from new co-author James Mark, the book presents a complete overview of the synthetic, kinetic, structural, and applied aspects of modern polymer chemistry as well as coverage of industrial and medical applications. For chemists and chemical engineers involved in polymer chemistry.

I really like the way the book explains concepts. Great supplement to polymer chemistry courses. Good illustrations of polymeric properties.

This book is an ok read, I actually bought it for one of my POLYMER Chemistry Classes. It's not as dry as some textbooks I've read, but it is a bit confusing at times. The problems at the end of the chapters definitely help to see if you understand the concepts.

Just bought clean and new book good.

I used this book in conjunction with my Physical Chemistry book when we had a section on macromolecules. The coverage of material I needed for my class was applicable, readable, and spelled out in a way that made it easy for me to understand the subject matter. I have also read through the book outside of my Physical Chemistry class, and I believe it is on the more readable side. The text has a good supply of worked out examples in the text, but sometimes falls short on practice problems. Most of my experience with this book comes from using it in conjunction with other books - this book really shines at its explanation of the subject matter.

This book is indeed full of errors. The kinetic sections were too unorganized and full of errors. The kinetics were frustrating enough without the formulas being wrong in the first place. Also, the book will derive multiple ways of solving for the same thing and bury what you really need to understand the concepts. The synthesis, nomenclature and production sections were okay at best. I will say this though, by having such a bad book I really learned a lot trying to sift out the information that was needed.

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 Odian, Sperling's book, Allcock's, Rodriguez, and Craver & Provder. I used other editions of these books during my BS when I was doing synthesis.

This book does a very poor job of teaching polymer chemistry. Coverage of most topics is too brief and includes too many mistakes. However, the book is organized in an interesting way, and topics that aren't included in most polymer chemistry books are mentioned briefly -- for example interesting polymer properties such as flame retardancy. In this sense, the book might get students excited about polymer science.

However this edition is full of ERRORS! An extremely frustrating book to try to learn out of. Did I do

it incorrectly or is the equation printed there wrong or is the answers printed over there wrong, or maybe the question itself has a typo.....who knows! My professor for this class was familiar with the first edition, but agreed to go with the second edition after we (the class) found it for \$4 on here, then he had to go through and correct all the mistakes for us.

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