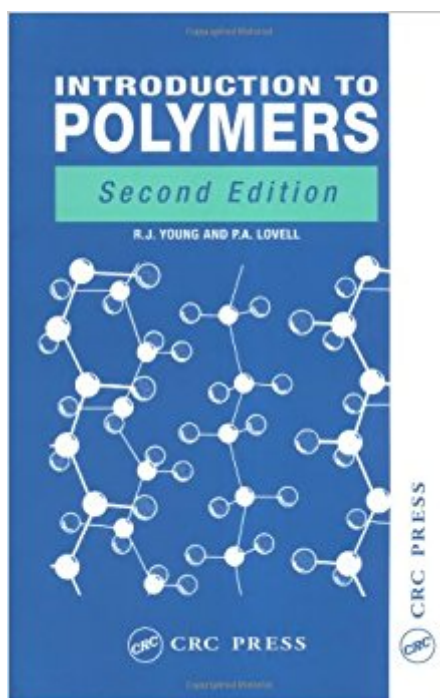


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Introduction To Polymers, 2nd Edition



Synopsis

Introduction to Polymers, Second Edition discusses the synthesis, characterization, structure, and mechanical properties of polymers in a single text, giving approximately equal emphasis to each of these major topics. It has thus been possible to show the interrelationship of the different aspects of the subject in a coherent framework. The book has been written to be self-contained, with most equations fully derived and critically discussed. It is supported by a large number of diagrams and micrographs and is fully referenced for more advanced reading. Problems have been supplied at the end of each chapter so that students can test their understanding and practice the manipulation of data.

Book Information

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Customer Reviews

The second edition of this book is currently the recommended text for a second year undergraduate lecture course I deliver. In future I will recommend the third edition for both this course and a fourth year (Masters) lecture course on advanced polymer synthesis. Moreover, not only have Young and Lovell produced an excellent text (again) for supporting undergraduate teaching, this book is also a superb entry level text for postgraduates students with limited experience of polymers. •Chemistry World, 2012 --This text refers to the Hardcover edition.

Robert J. Young is a professor of polymer science and technology at the University of Manchester

and a Fellow of the Royal Academy of Engineering. He has published extensively and is listed on ISI HighlyCited.com. His research focuses on the relationships between structure and properties in polymers and composites. Peter A. Lovell is a professor of polymer science at the University of Manchester. His research and publications focus on aspects of emulsion polymerization and related processes, especially in relation to understanding how to control the chemical structure, morphology and properties of the polymers produced. --This text refers to the Hardcover edition.

Very useful text for beginning study of polymers. It approaches the subject from a chemistry standpoint and is useful for looking up reactions. I find it easier to read and study from than Odian's Principles of Polymerization. I would recommend this book with Polymer Chemistry by Heimenz and Lodge for anyone taking polymer courses or starting in polymer research. Using the two texts together gives you a nice overview of important points in polymer chemistry and engineering and gives useful examples of real world problems.

I feel that this textbook is mostly filler. They could have made it smaller and faster to read, but they didn't. It was also very unenjoyable to read, even by textbook standards.

OK

I have used this text successfully in one of my courses. I found that it is up-to-date on current polymer synthesis techniques, and does a good job of developing the key concepts in polymer physical chemistry, polymerization mechanisms and kinetics. The problems at the end of each chapter are good homework exercises to challenge the students to understand the material more fully.

Young's classic has been beefed up. Nice updates and additions. For those in need of a good general reference on polymers, this is it.

Only viewable on my ipad and not on the web interface

Book was in perfect condition. Material is an easy read for someone in the field. Delivery was very speedy. I am very happy with the purchase.

Contains a ton of information and is perfect for learning the basics of polymers. I had little background in polymers before I took a class that used this book but it helped me learn and was very easy to understand.

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