

The book was found

# The Chemistry Of Radical Polymerization, Second Edition



## Synopsis

In the ten years since the first edition appeared the renaissance in Free Radical Polymerization has continued and gained momentum. In this second revised edition, the authors critically evaluate the findings of the last decade, where necessary reinterpreting earlier work in the light of these ideas, and point to the areas where current and future research is being directed. The overall aim is to provide a framework for further extending our understanding of free radical polymerization and create a definable link between synthesis conditions and polymer structure and properties. The authors have updated all chapters, and added many new references and two new chapters to reflect the significant advances made in radical polymerization. One new chapter has been devoted to the area of living radical polymerization which is now responsible for a very substantial fraction of the papers in the field. In addition to offering polymers with unique compositions and properties not achievable with other methodologies, living radical polymerization has also been combined with other processes and mechanisms to give structures and architectures that were not previously thought possible. The developments are seen to have great application particularly in the emerging areas of electronics, biotechnology and nanotechnology. A new chapter devoted to the growing field of living radical polymerization. Seven chapters revised and updated with eight years of new research. An excellent text suitable for graduates in polymer chemistry and a reference source for researchers and practitioners in radical polymerization.

## Book Information

Hardcover: 666 pages

Publisher: Elsevier Science; 2 edition (January 25, 2006)

Language: English

ISBN-10: 0080442862

ISBN-13: 978-0080442860

Product Dimensions: 6.1 x 1.4 x 9.2 inches

Shipping Weight: 2.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #715,566 in Books (See Top 100 in Books) #14 in Books > Science & Math > Chemistry > Polymers & Macromolecules #165 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles #232 in Books > Science & Math > Chemistry > Industrial & Technical

## Customer Reviews

...this is a refreshing book; the elation that grips the reader is reinforced by the attention paid to the fundamental chemistry of free radical reactions...it is my view that this book will stand the test of time. Moad and Solomon have certainly revived the beauty of the scintillating complexity of global free radical chemistry. --Okezie I. Aruoma, Chemistry in Britain  
Okezie I. Aruoma...this is a refreshing book; the elation that grips the reader is reinforced by the attention paid to the fundamental chemistry of free radical reactions...it is my view that this book will stand the test of time. Moad and Solomon have certainly revived the beauty of the scintillating complexity of global free radical chemistry.Chemistry in Britain --Chemistry in Britain

Paperback version of this much awaited second edition

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

The Chemistry of Radical Polymerization, Second Edition 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 Principles Of Polymerization - Third Edition Principles of Polymerization, 3rd Edition Radical Chemistry: The Fundamentals (Oxford Chemistry Primers) Polymerization Process Modeling Principles of Polymerization Entropy-Driven Processes in Biology: Polymerization of Tobacco Mosaic Virus Protein and Similar Reactions (Molecular Biology, Biochemistry and Biophysics Molekularbiologie, Biochemie und Biophysik) Cationic Polymerization: Fundamentals and Applications (ACS Symposium Series) Emulsion Polymerization and Emulsion Polymers The Radical Reader: A Documentary History of the American Radical Tradition Radical Ecology: The Search for a Livable World (Revolutionary Thought and Radical Movements) What is Organic Chemistry? Chemistry Book 4th Grade | Children's Chemistry Books Surviving Chemistry Review Book: High School Chemistry: 2015 Revision - with NYS Chemistry Regents Exams: The Physical Setting Surviving Chemistry Workbook: High School Chemistry: 2015 Revision - with NYS Chemistry Reference Tables Modern Chemistry Florida: Holt Chemistry and Modern Chemistry FCAT Standardized Test Preparation Surviving Chemistry Guided Study Book: High School Chemistry: 2015 Revision - with NYS Chemistry Regents Exams: The Physical Setting Free Radical Reactions in Preparative Organic Chemistry Radical Chemistry

Contact Us

DMCA

Privacy

FAQ & Help