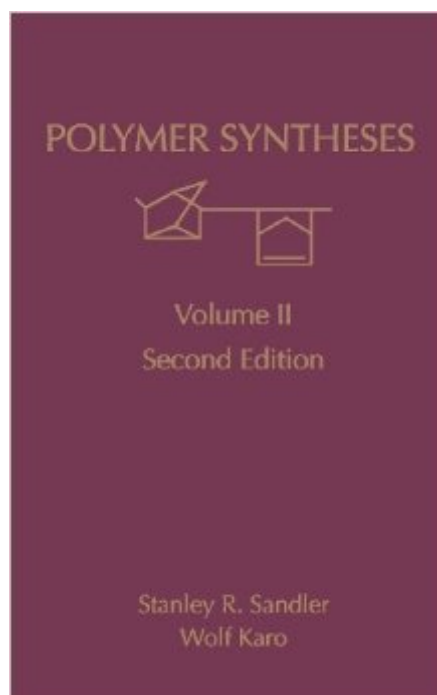


The book was found

Polymer Syntheses. Volume II. Second Edition



Synopsis

This revised and updated Second Edition of Polymer Synthesis II continues in the tradition of Volume I in presenting detailed laboratory instructions for the preparation of various polymers. Each chapter is organized by functional groups, and each chapter not only presents preparative methods, but also includes a brief introductory summary, reviews of the very latest journal articles and patents, and safety hazards and precautions. Procedures have been chosen on the basis of safety considerations and ease of being carried out with standard laboratory equipment. This comprehensive treatment of each polymer group makes Polymer Synthesis II an indispensable guide for industrial and academic chemists as well as for students in the field. Key Features* This revised edition:* Covers each polymer class, heavily referencing these with patent literature to illustrate commercial applications* Provides new and updated information for each functional group, including:* Curing agents for epoxy resins* Polymerization of vinyl ethers and copolymers* Polyvinyl silfides* Polymerization of vinyl pyrrolidone and copolymers* Features expanded data tables and updated references* Presents numerous citations to new catalysts for each polymer preparation involving ureas* Includes a new section--Complex Formulation--involving the preparation of polyacrylic acid and its copolymers* Contains many new preparations, including:* Preparation of t-butyl acrylate copolymers using the Teyssie Method* Template polymerization of vinylimidazole on polymethacrylic acid* Polymerization of aqueous acrylic acid using AIBN* Preparation of polyketals by transketalization* Copolymerization of maleic anhydride with ethyl vinyl ether* Complex and template polymerizations

Book Information

Hardcover: 427 pages

Publisher: Academic Press; 2 edition (November 5, 1994)

Language: English

ISBN-10: 0126185123

ISBN-13: 978-0126185126

Product Dimensions: 6 x 1 x 9 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,584,472 in Books (See Top 100 in Books) #70 in Books > Science & Math > Chemistry > Organic > Synthesis #80 in Books > Science & Math > Chemistry > Polymers & Macromolecules #239 in Books > Science & Math > Chemistry > Clinical

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

Polymer Synthesis, Second Edition: Volume 1 (Polymer Syntheses) Organic Syntheses, Collective Volume 12 (Organic Syntheses Collective Volumes) Polymer Syntheses. Volume II. Second Edition Polymer clay: All the basic and advanced techniques you need to create with polymer clay. (Volume 1) Organic Syntheses , Collective Volume 6, A Revised Edition of Annual Volumes 50-59 Volume 56, Monocyclic Azepines: The Syntheses and Chemical Properties of the Monocyclic Azepines Organic Syntheses, Volume 91 Organic Syntheses Collective Volume 7 The Encyclopedia of Polymer Clay Techniques: A Comprehensive Directory of Polymer Clay Techniques Covering a Panoramic Range of Exciting Applications The Big Book of Polymer Blends: Polymer Clay Blends. Made Simple. In One Place. Crackle Techniques: The Ultimate Guide for Polymer Clay Art and Craft (The Ultimate Guides for Polymer Clay Book 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) 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) Pyrylium Salts: Syntheses, Reactions, and Physical Properties : Advances in Heterocyclic Chemistry; Supplement Two Reactions and Syntheses: In the Organic Chemistry Laboratory Methods and Applications of Cycloaddition Reactions in Organic Syntheses Polymer Chemistry, Second Edition Handbook for the Chemical Analysis of Plastic and Polymer Additives, Second Edition Elements of Polymer Science & Engineering, Second Edition: An Introductory Text and Reference for Engineers and Chemists

[Dmca](#)