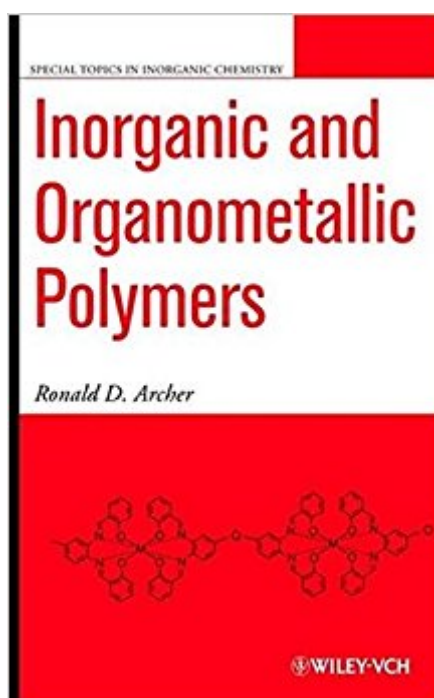


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Inorganic And Organometallic Polymers (Special Topics In Inorganic Chemistry)



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A balanced and concise coverage of inorganic polymers. Inorganic polymers contain elements other than carbon as part of their principal backbone structure and are known to exhibit a wide range of composition and structure. Emphasizing physical properties, chemical synthesis, and characterization of inorganic polymers, *Inorganic and Organometallic Polymers* presents valuable and informative coverage of the field. With numerous examples of real-world practical applications and end-of-chapter exercises, *Inorganic and Organometallic Polymers* is suitable for use as a text in special topics in organic and polymer chemistry courses. The book features useful sections on: Classification schemes for inorganic polymers Synthesis of inorganic polymers, including step-growth syntheses, chain polymerizations, ring-opening polymerizations, and reductive coupling reactions Practical inorganic polymer chemistry topics such as polymer elastomers, dental and medical polymers, lubricants, lithographic resists, pre-ceramics, and more. *Inorganic and Organometallic Polymers* is a valuable one-volume introduction for professional and student inorganic chemists, polymer chemists, and materials scientists.

Book Information

Series: Special Topics in Inorganic Chemistry (Book 2)

Hardcover: 247 pages

Publisher: Wiley-VCH; 1st edition (February 26, 2001)

Language: English

ISBN-10: 0471241873

ISBN-13: 978-0471241874

Product Dimensions: 6.3 x 0.7 x 9.3 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

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