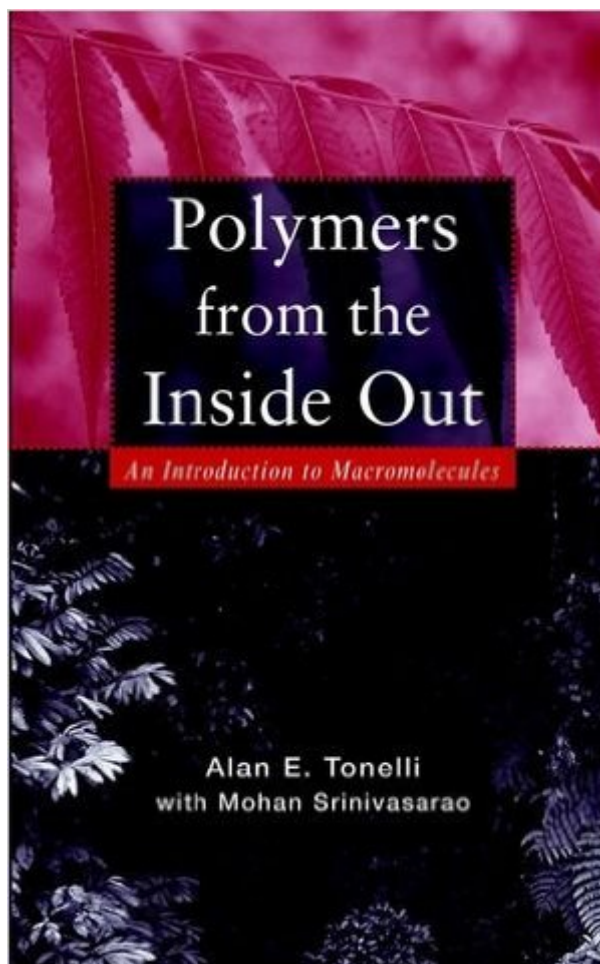


The book was found

Polymers From The Inside Out: An Introduction To Macromolecules



Synopsis

Polymer science is concerned with the structure, synthesis, physical properties, and utility of polymers. Polymers are macromolecular building blocks used to construct natural and man-made materials. *Polymers from the Inside Out: An Introduction to Macromolecules* provides an all-encompassing introduction to polymers and how they affect the world. Offering a clear explanation of the unique properties exhibited by polymers, this book explores the detailed microstructures of polymers and their internal responses to stress and the environment. *Polymers from the Inside Out* appeals to a wide range of disciplines, including polymer, organic, materials, and physical chemistry, as well as textile science and engineering. Chapters include: Physical properties unique to polymeric materials Step-growth and chain-growth polymerizations Microstructures of polymers Conformational characteristics of polymers developed with the rotational isomeric states model Solution and bulk properties of polymers Biopolymers Discussion questions appropriate for first- and second-semester polymer students at the end of every chapter *Polymers from the Inside Out* is designed to facilitate either a one-semester or two-semester course on polymers and is an essential resource for the practicing scientist.

Book Information

Hardcover: 280 pages

Publisher: Wiley-Interscience; 1 edition (April 16, 2001)

Language: English

ISBN-10: 0471381381

ISBN-13: 978-0471381389

Product Dimensions: 6.2 x 0.7 x 9.5 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,166,578 in Books (See Top 100 in Books) #26 in Books > Science & Math > Chemistry > Polymers & Macromolecules #99 in Books > Engineering & Transportation > Engineering > Chemical > Plastics #280 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles

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

Polymers From the Inside Out: An Introduction to Macromolecules Statistical Physics of Macromolecules (Polymers and Complex Materials) Physical Properties of Polymers Handbook (AIP Series in Polymers & Complex Materials) Microsoft Windows Security Inside Out for Windows

XP and Windows 2000 (Bpg--Inside Out) Microsoft® Windows® XP Inside Out (Bpg-Inside Out) Microsoft® Windows® XP Inside Out Deluxe (Bpg-Inside Out) Time Warps, String Edits, and Macromolecules: The Theory and Practice of Sequence Comparison Biophysical Chemistry: Part I: The Conformation of Biological Macromolecules (Their Biophysical Chemistry; PT. 1) Binding and Linkage: Functional Chemistry of Biological Macromolecules Process Chemistry of Petroleum Macromolecules (Chemical Industries) Crystallization of Biological Macromolecules Microcalorimetry of Macromolecules: The Physical Basis of Biological Structures Chain Structure and Conformation of Macromolecules Physical Chemistry of Macromolecules HPLC of Macromolecules: A Practical Approach (Practical Approach Series) Introduction to Polymers, Third Edition Introduction to Synthetic Polymers Introduction to Soft Matter: Polymers, Colloids, Amphiphiles and Liquid Crystals Introduction to Polymers Mira dentro de una cabaña / Look Inside a Log Cabin (Mira dentro/Look Inside) (Multilingual Edition)

[Dmca](#)