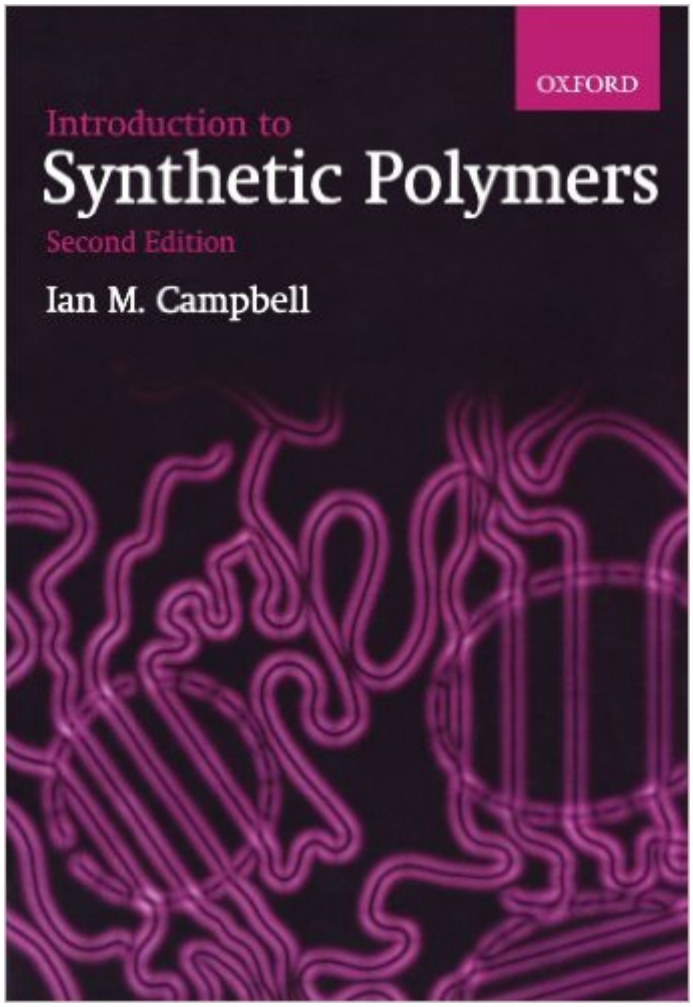
Introduction To Synthetic Polymers



Synopsis

This clear and concise textbook introduces the huge field of polymer science to students taking degree courses in chemistry, materials science and related subjects covering polymers. By focusing on the few major polymers, for example polystyrene and PVC, which are in common use and which the students will recognize, the book illustrates simply the basic principles of polymer science. It looks at the factors which give rise to the special properties of polymers, and emphasizes how polymer molecules can be synthesised with different sizes and architectures to tailor the properties of the resulting material. The later chapters then introduce a wide range of polymers, some with special applications now and others with exciting potential for the future. There are exercises at the end of each chapter.

Book Information

Paperback: 232 pages

Publisher: Oxford University Press; 2 edition (January 15, 2000)

Language: English

ISBN-10: 0198564708

ISBN-13: 978-0198564706

Product Dimensions: 15.2 x 0.4 x 6.5 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #508,477 in Books (See Top 100 in Books) #11 inÂ Books > Science & Math > Chemistry > Polymers & Macromolecules #28 inÂ Books > Engineering & Transportation > Engineering > Chemical > Plastics #91 inÂ Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles

Customer Reviews

The book's condition is very well. Good purchase!

Synthetic Agents Synthetic Lubricants and High-Performance Functional Fluids (Chemical Industries) Synthetic Aperture Radar Synthetic Aperture Radar: Systems and Signal Processing Digital Processing of Synthetic Aperture Radar Data: Algorithms and Implementation [With CDROM] (Artech House Remote Sensing Library) Inverse Synthetic Aperture Radar Imaging With MATLAB Algorithms Spotlight Synthetic Aperture Radar: Signal Processing Algorithms (Artech House Remote Sensing Library) Natural Organic Hair and Skin Care: Including A to Z Guide to Natural and Synthetic Chemicals in Cosmetics Top Drugs: Top Synthetic Routes (Oxford Chemistry Primers) Synthetic Surfactant Vesicles: Niosomes and Other Non-Phospholipid Vesicular Systems (Drug Targeting and Delivery) Imidazole and Benzimidazole Synthesis (Best Synthetic Methods) Palladium in Heterocyclic Chemistry, Volume 20: A Guide for the Synthetic Chemist (Tetrahedron Organic Chemistry)