



Polymeric Biomaterials: 2 Volume Set, Third Edition (Mixed media product)

By -

Taylor & Francis Inc, United States, 2013. Mixed media product. Condition: New. 3rd New edition. Language: English. Brand new Book. Biomaterials have had a major impact on the practice of contemporary medicine and patient care. Growing into a major interdisciplinary effort involving chemists, biologists, engineers, and physicians, biomaterials development has enabled the creation of high-quality devices, implants, and drug carriers with greater biocompatibility and biofunctionality. The fast-paced research and increasing interest in finding new and improved biocompatible or biodegradable polymers has provided a wealth of new information, transforming this edition of Polymeric Biomaterials into a two-volume set. Completely revised and expanded, this state-of-the-art reference presents recent developments in polymeric biomaterials: from their chemical, physical, and structural properties to current applications in the medical and pharmaceutical fields. The book is organized into two volumes containing 53 authoritative chapters written by experts from around the world. The first volume, Polymeric Biomaterials: Structure and Function, contains information about the structure and properties of synthetic polymers including polyesters, polyphosphazenes, and elastomers and natural polymers such as mucoadhesives, chitin, lignin, and carbohydrate derivatives. It also describes their blends or composites-for example, metal-polymer composites and biodegradable polymeric/ceramic composites-as well as drug carriers and delivery systems, gene and...



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Reviews

It is an awesome publication which i actually have ever read through. it had been writtern really properly and valuable. I found out this book from my i and dad recommended this pdf to discover.

-- Doyle Schmeler

This book is definitely not simple to begin on studying but quite fun to see. I actually have read and that i am sure that i will gonna read through yet again once again in the foreseeable future. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Brennan Koelpin