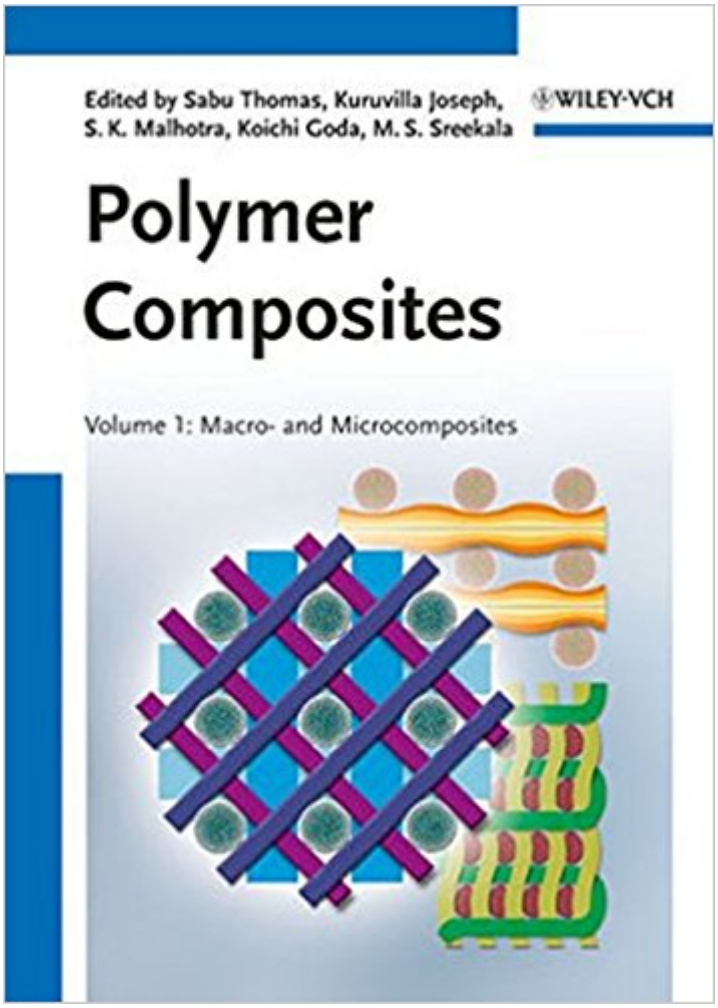
Ebook Directory
the best source of ebook

The book was found

Polymer Composites, Macro- And Microcomposites (Volume 1)



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

The first systematic reference on the topic with an emphasis on the characteristics and dimension of the reinforcement. This first of three volumes, authored by leading researchers in the field from academia, government, industry, as well as private research institutions around the globe, focuses on macro and micro composites. Clearly divided into three sections, the first offers an introduction to polymer composites, discussing the state of the art, new challenges, and opportunities of various polymer composite systems, as well as preparation and manufacturing techniques. The second part looks at macro systems, with an emphasis on fiber reinforced polymer composites, textile composites, and polymer hybrid composites. Likewise, the final section deals with micro systems, including micro particle reinforced polymer composites, the synthesis, surface modification and characterization of micro particulate fillers and flakes as well as filled polymer micro composites, plus applications and the recovery, recycling and life cycle analysis of synthetic polymeric composites.

Book Information

Hardcover: 814 pages

Publisher: Wiley-VCH; Volume 1 edition (April 30, 2012)

Language: English

ISBN-10: 3527326243

ISBN-13: 978-3527326242

Product Dimensions: 7 x 1.7 x 9.8 inches

Shipping Weight: 3.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,077,365 in Books (See Top 100 in Books) #79 inÃ Â Books > Engineering & Transportation > Engineering > Chemical > Plastics #679 inÃ Â Books > Textbooks > Engineering > Chemical Engineering #6866 inÃ Â Books > Science & Math > Chemistry

Customer Reviews

Polymer composites find a large number of applications in such diverse fields as aerospace, chemical industry, geotextiles, building, electronics, medical, packaging, and automobiles. New strategies for developing high performance composites are of growing interest.This first systematic reference on the topic authored by leading researchers in the field from academia, government, industry, as well as private research institutions across the globe emphasizes the characteristics and dimension of the reinforcement. Divided into three volumes the first volume offers an

introduction to polymer composites, discussing the state of the art, new challenges, and opportunities of various polymer composite systems, as well as preparation and manufacturing techniques.The authors, leading researchers in the field from academia, government, industry, as well as private research institutions across the globe, adopt a practical approach, covering such aspects as the preparation, characterization, properties and theory of polymer composites.

Polymer composites find a large number of applications in such diverse fields as aerospace, chemical industry, geotextiles, building, electronics, medical, packaging, and automobiles. New strategies for developing high performance composites are of growing interest.This first systematic reference on the topic authored by leading researchers in the field from academia, government, industry, as well as private research institutions across the globe emphasizes the characteristics and dimension of the reinforcement. Divided into three volumes the first volume offers an introduction to polymer composites, discussing the state of the art, new challenges, and opportunities of various polymer composite systems, as well as preparation and manufacturing techniques.The authors, leading researchers in the field from academia, government, industry, as well as private research institutions across the globe, adopt a practical approach, covering such aspects as the preparation, characterization, properties and theory of polymer composites.

Download to continue reading...

Polymer Composites, Macro- and Microcomposites (Volume 1) Polymer Clay: The Ultimate Beginners Guide to Creating Animals in 30 Minutes or Less! (Polymer Clay - Polymer Clay for Beginners - Clay - Polyer Clay Animals - Polymer Clay Jewelry - Sculpture) ECON MACRO (with ECON MACRO Online, 1 term (6 months) Printed Access Card) (New, Engaging Titles from 4LTR Press) Cute Polymer Clay Popsicles & Ice Cream: Polymer Clay Kawaii Food Charms (Polymer Clay Kawaii Charms Book 1) Self-Healing Polymers and Polymer Composites Friction and Wear of Polymer Composites (Composite Materials Series 1) Advanced Rubber Composites (Advances in Polymer Science) Polymer clay: All the basic and advanced techniques you need to create with polymer clay. (Volume 1) Polymer Synthesis, Second Edition: Volume 1 (Polymer Syntheses) Elements of Polymer Science & Engineering, Second Edition: An Introductory Text and Reference for Engineers and Chemists (The Elements of Polymer Science and Engineering) Functional Polymer Coatings: Principles, Methods, and Applications (Wiley Series on Polymer Engineering and Technology) The Elements of Polymer Science and Engineering, Third Edition (Elements of Polymer Science & Engineering) Polymer clay: All the basic and advanced techniques you need to create with polymer clay Methods of X-ray and Neutron Scattering in Polymer Science (Topics in

Polymer Science) The Elements of Polymer Science and Engineering (Elements of Polymer Science & Engineering) 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) Polymer animal clay : Learning how to create life like animals out of polymer clay The Encyclopedia of Polymer Clay Techniques: A Comprehensive Directory of Polymer Clay Techniques Covering a Panoramic Range of Exciting Applications Strengthening of Reinforced Concrete Structures: Using Externally-Bonded Frp Composites in Structural and Civil Engineering (Woodhead Publishing Series in Civil and Structural Engineering) Fracture Mechanics of Metals, Composites, Welds, and Bolted Joints: Application of LEFM, EPFM, and FMDM Theory

Contact Us

DMCA

Privacy

FAQ & Help