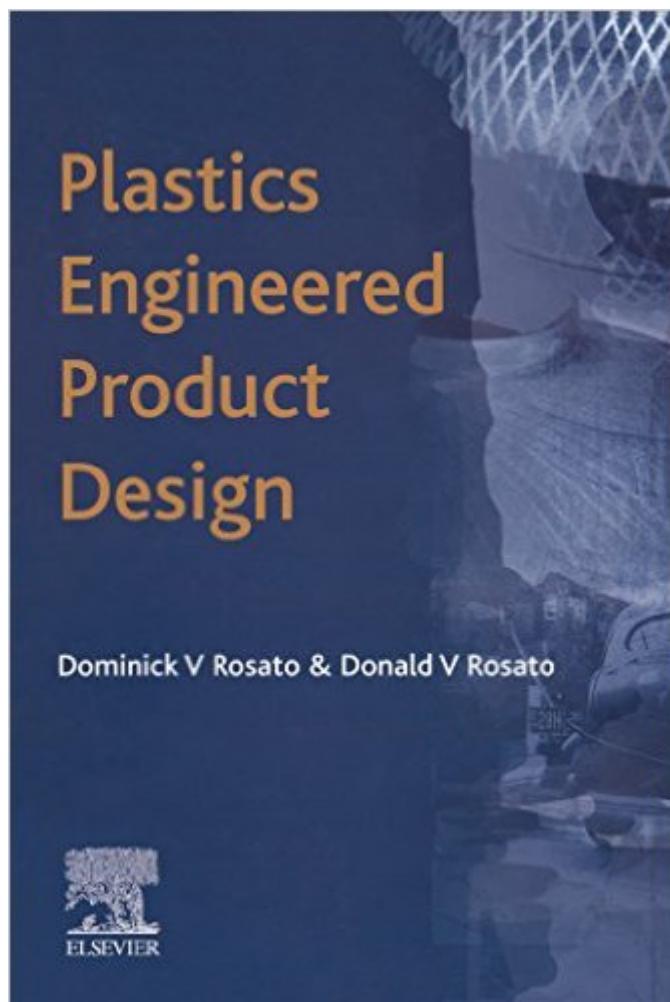


The book was found

Polymer Foams Handbook: Engineering And Biomechanics Applications And Design Guide



Synopsis

This handbook explores the applications of polymer foams, and the properties that make them suitable for so many applications, in the detail required by postgraduate students, researchers and the many industrial engineers and designers who work with polymer foam in industry. It covers the mechanical properties of foams and foam microstructure, processing of foams, mechanical testing and analysis (using Finite element analysis). In addition, it uniquely offers a broader perspective on the actual engineering of foams and foam based (or foam including) products by including nine detailed case studies which firmly plant the theory of the book in a real world context, making it ideal for both polymer engineers and chemists and mechanical engineers and product designers.* Complete coverage of the mechanical and design aspects of polymer foams from an acknowledged international expert: no other book is available with this breadth making this a plastics engineer's first choice for a single volume Handbook* Polymer foams are ubiquitous in modern life, used everywhere from running shoes to furniture, and this book includes nine extensive case studies covering each key class of application, including biomechanics* Offers a rigorous mechanical and microstructure perspective, plus a computer based chapter: Essential for engineers and designers alike.

Book Information

File Size: 27313 KB

Print Length: 562 pages

Publisher: Butterworth-Heinemann; 1 edition (March 23, 2007)

Publication Date: March 23, 2007

Sold by: Digital Services LLC

Language: English

ASIN: B000WNH1TI

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #578,267 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #14

in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Materials

Science > Polymer Science #14 in Kindle Store > Kindle eBooks > Engineering & Transportation

> Engineering > Chemical > Polymer Chemistry #83 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design

Customer Reviews

It arrived on time, and well protected, Good

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

Polymer Foams Handbook: Engineering and Biomechanics Applications and Design Guide St Mary's BSc Sports Science Bundle: Physiology and Biomechanics: Introduction to Sports Biomechanics: Analysing Human Movement Patterns [Paperback] [2007] (Author) Roger Bartlett Metal Matrix Syntactic Foams: Processing, Microstructure, Properties and Applications Functional Polymer Coatings: Principles, Methods, and Applications (Wiley Series on Polymer Engineering and Technology) The Encyclopedia of Polymer Clay Techniques: A Comprehensive Directory of Polymer Clay Techniques Covering a Panoramic Range of Exciting Applications Crackle Techniques: The Ultimate Guide for Polymer Clay Art and Craft (The Ultimate Guides for Polymer Clay Book 1) Computational Biomechanics for Medicine: New Approaches and New Applications Polymer clay: All the basic and advanced techniques you need to create with polymer clay. (Volume 1) Methods of X-ray and Neutron Scattering in Polymer Science (Topics in Polymer Science) The Big Book of Polymer Blends: Polymer Clay Blends. Made Simple. In One Place. 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 Synthesis, Second Edition: Volume 1 (Polymer Syntheses) An Introduction to Biomechanics: Solids and Fluids, Analysis and Design Earthquake Engineering: Damage Assessment and Structural Design (Methods & Applications in Civil Engineering) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Biomedical Engineering and Design Handbook, Volume 1: Volume I: Biomedical Engineering Fundamentals 2015 ASHRAE Handbook -- HVAC Applications (I-P) - (includes CD in I-P and SI editions) (Ashrae Applications Handbook Inch/Pound) Biomechanics of Sport and Exercise, 2nd Edition Biomechanics of Sport and Exercise, 3E Occupational Biomechanics

[Dmca](#)