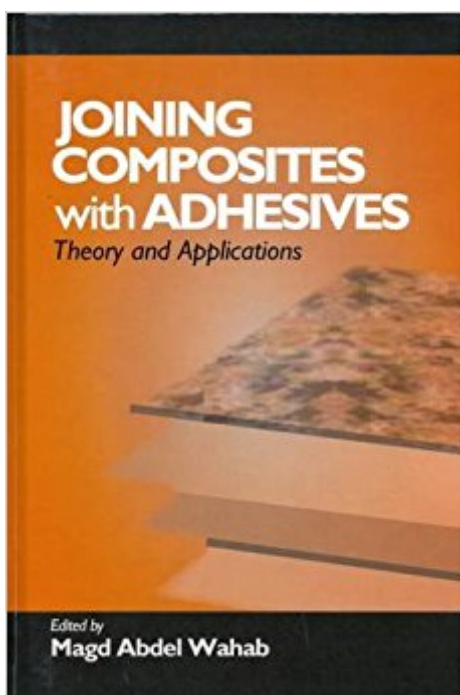


The book was found

Joining Composites With Adhesives: Theory And Applications



Synopsis

Adhesive technologies for bonding composites to multiple materials Information on adhesive formulation, selection, joint configuration Presented in this volume is a detailed scientific analysis of strategies for adhering composite materials to plastics, concrete, metals, and wood, as well as to other composites, using a variety of adhesives. The theory and analysis of composite bonding with adhesives are explained, along with information on adhesive formulation and selection, material preparation, joint geometry and joint design. Attention is given to how different types of adhered composite joints are empirically tested, e.g., for strength and under stress, and how models of joints with adhesives are developed. The book includes an intensive discussion of the uses of adhesives for composite repair. Part two focuses on applications of adhesive composite bonding in aircraft, automobiles, buildings, ships, railroads and dental restoration.

Book Information

Hardcover: 324 pages

Publisher: DEStech Publications, Inc (October 5, 2015)

Language: English

ISBN-10: 1605950939

ISBN-13: 978-1605950938

Product Dimensions: 0.8 x 6.5 x 9.5 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,452,574 in Books (See Top 100 in Books) #101 in Books > Engineering & Transportation > Engineering > Reference > Research #3085 in Books > Textbooks > Engineering > Chemical Engineering #5344 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Materials Science

Customer Reviews

Professor and Chair Applied Mechanics, Ghent University

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

Joining Composites with Adhesives: Theory and Applications Ceramic Matrix Composites: Fiber Reinforced Ceramics and their Applications Fundamentals of Composites Manufacturing: Materials, Methods and Applications, Second Edition Sustainable Composites: Fibers, Resins and Applications (Engineering With Fibers) Fracture Mechanics of Metals, Composites, Welds, and

Bolted Joints: Application of LEFM, EPFM, and FMDM Theory
Joining Together: Group Theory and Group Skills (11th Edition)
Analysis and Deformation of Polymeric Materials: Paints, Plastics, Adhesives, and Inks (Topics in Applied Chemistry)
Botanicals Labels & Stickers: 150 Elegant Adhesives for Home and Gift-Giving
Compounding Materials for the Polymer Industries: A Concise Guide to Polymers, Rubbers, Adhesives, and Coatings
The Mechanics of Adhesives in Composite and Metal Joints
Book Binding With Adhesives
Adhesives Technology Handbook, Third Edition (Plastics Design Library)
Fracture and Fatigue of Welded Joints and Structures (Woodhead Publishing Series in Welding and Other Joining Technologies)
Talking with Dogs and Cats: Joining the Conversation to Improve Behavior and Bond with Your Animals
Strengthening of Reinforced Concrete Structures: Using Externally-Bonded Frp Composites in Structural and Civil Engineering (Woodhead Publishing Series in Civil and Structural Engineering)
Joining Places: Slave Neighborhoods in the Old South (The John Hope Franklin Series in African American History and Culture)
Photoshop Compositing Secrets: Unlocking the Key to Perfect Selections and Amazing Photoshop Effects for Totally Realistic Composites
Designing with Plastics and Composites: A Handbook
Self-Healing Polymers and Polymer Composites
Polymer Composites, Macro- and Microcomposites (Volume 1)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)