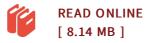




Composite Materials

By Krishan K. Chawla

Springer-Verlag Gmbh Dez 2010, 2010. Taschenbuch. Book Condition: Neu. 235x155x26 mm. This item is printed on demand - Print on Demand Titel. - This second edition of a widely used text offers an integrated and completely up-todate coverage of composite materials. Focusing on the relationship between structure and properties, it provides a well-balanced treatment of the mechanics and the materials science of composites, while not neglecting the importance of processing. The book has been revised and updated throughout, with new chapters on fatigue and creep of composites. The text presents a detailed description of how the various reinforcements (such as, glass, polyethylene, aramid, carbon), the materials in which they are embedded (ceramics, metals, polymers), and of the interfaces between them, control the properties of the composite materials at both the microand macro-levels. Extensive use is made of micrographs and line drawings to emphasize the importance of of processing, microstructure, and properties in composite materials. Examples of practical applications in various fields are given throughout the book, and extensive references to the literature are provided. The book is intended for use in graduate and upper-division undergraduate courses, but practicing engineers and researchers in industry and academe will also find it...



Reviews

Complete guideline! Its this type of great read through. it absolutely was writtern quite perfectly and helpful. I am very happy to explain how this is basically the best book i actually have read through during my personal life and can be he very best book for at any time.

-- Joshua Gerhold PhD

A very awesome book with perfect and lucid reasons. It really is basic but shocks within the 50 percent of the book. Its been designed in an exceptionally easy way and is particularly merely right after i finished reading this ebook where in fact changed me, change the way i think.

-- Meagan Roob