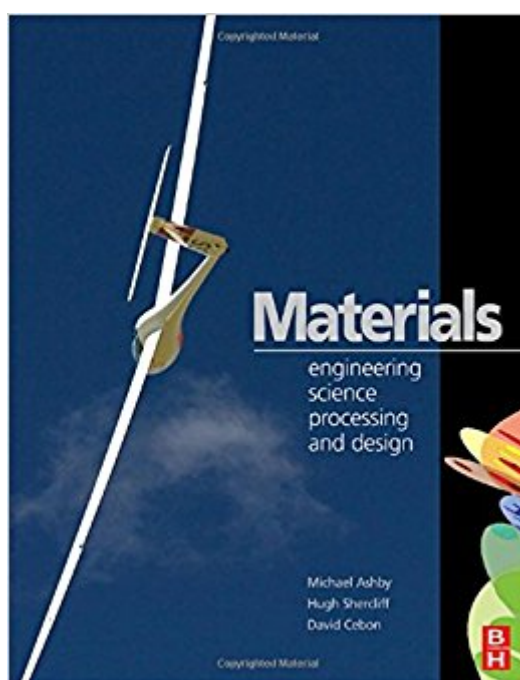


The book was found

# Materials: Engineering, Science, Processing And Design (Materials 3e North American Edition W/Online Testing)



## Synopsis

The ultimate materials engineering resource for anyone developing skills and understanding of materials properties and selection for engineering applications. The book is a visually lead approach to understanding core materials properties and how these apply to selection and design. Linked with Granta Design's market-leading materials selection software which is used by organisations as diverse as Rolls-Royce, GE-Aviation, Honeywell, NASA and Los Alamos National Labs. A complete introduction to the science and selection of materials in engineering, manufacturing, processing and product design Unbeatable package from Professor Mike Ashby, the world's leading materials selection innovator and developer of the Granta Design materials selection software Links to materials selection software used widely by brand-name corporations, which shows how to optimise materials choice for products by performance, characteristics or cost

## Book Information

Series: Materials 3e North American Edition w/Online Testing

Hardcover: 528 pages

Publisher: Butterworth-Heinemann; 1 edition (April 13, 2007)

Language: English

ISBN-10: 0750683910

ISBN-13: 978-0750683913

Product Dimensions: 9.7 x 7.7 x 1.1 inches

Shipping Weight: 2.9 pounds

Average Customer Review: 3.0 out of 5 stars 7 customer reviews

Best Sellers Rank: #715,744 in Books (See Top 100 in Books) #52 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Testing](#) #56 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Extraction & Processing](#) #97 in [Books > Engineering & Transportation > Engineering > Design](#)

## Customer Reviews

Royal Society Research Professor Emeritus at Cambridge University and Former Visiting Professor of Design at the Royal College of Art, London, UK Mike Ashby is sole or lead author of several of Elsevier's top selling engineering textbooks, including *Materials and Design: The Art and Science of Material Selection in Product Design*, *Materials Selection in Mechanical Design*, *Materials and the Environment*, and *Materials: Engineering, Science, Processing and Design*. He is also coauthor of the books *Engineering Materials 1&2*, and *Nanomaterials, Nanotechnologies and*

Design. Hugh Shercliff is a Senior Lecturer in Materials in the Department of Engineering at the University of Cambridge. He is a co-author of Michael Ashby's Materials, Third Edition (Butterworth-Heinemann, 2013), and a contributor on aluMATTER, an e-learning website for engineers and researchers sponsored by the European Aluminium Association. Professor of Mechanical Engineering, Cambridge University, UK

Not a horrifying overview of materials engineering, but it doesn't read well and feels like an advertisement for CES (which is a great piece of software by the way, but it still doesn't read well)

This book was in excellent condition, better than stated on site. It was shipped quickly and in secure packaging. Will be ordering from this company again! Excellent service and a great price!

best service, patient. OK . send it to my teacher as a gift, as the price. Light weight, super sharp, looks great.

It is a shame that such a truly wonderful mind (the well respected Dr. Ashby) would produce such a pointless, miserable book. The book is lack-luster, at best, and provides little more than common-sense knowledge. Chapters are nothing more than a long string of either pointless or convoluted information about the field of materials science and far too many cheeky British jokes/puns that are absolutely insulting in a college-level book (from my prospective: the author seems to be poking fun at the reader's supposed "sub-sophomoric" knowledge of his field). If possible, do not buy this book! If your class mandates purchasing this book consider switching classes or taking the required class at another university - you will save yourself a fair amount of time and money.

This book contains one of the most original approaches to materials science in a generation. Written not for the expert materials scientist but for the general engineering student who needs to learn to work with materials it has a unique approach. Combined with the Cambridge Engineering Selector software this makes an unbeatable and highly innovative approach to the field of materials science education. As a lecturer in the field I highly recommend this book.

This book is pointless common sense and there are no examples of the problems they ask you to solve at the end of the chapters. Plus there were many misspellings, bad grammar, and poorly

written ambiguous questions.

It's a great book that came to me in good condition. It is the older version of the book, but it is significantly cheaper and basically the exact same book (a few problems different).

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

Materials North American Edition w/Online Testing: Materials - North American Edition, Second Edition: engineering, science, processing and design Materials: Engineering, Science, Processing and Design (Materials 3e North American Edition w/Online Testing) Materials: Engineering, Science, Processing and Design (Materials 3e with Online Testing) Materials, Third Edition: engineering, science, processing and design; North American Edition Materials: engineering, science, processing and design; North American Edition Freezing Colloids: Observations, Principles, Control, and Use: Applications in Materials Science, Life Science, Earth Science, Food Science, and Engineering (Engineering Materials and Processes) Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) Engineering Materials 2: An Introduction to Microstructures, Processing and Design (International Series on Materials Science and Technology) (v. 2) Daniels and Worthington's Muscle Testing: Techniques of Manual Examination and Performance Testing, 9e (Daniels & Worthington's Muscle Testing (Hislop)) DNA Testing Guide Book: Utilize DNA Testing to Analyze Family History Genealogy, Classify and Measure Ethnic Ancestry Research, And Discover Who You Are ... DNA Testing, Ancestry, Ancestry Research) Modern Ceramic Engineering: Properties, Processing, and Use in Design, 3rd Edition (Materials Engineering) Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) Engineering Materials 3: Materials Failure Analysis: Case Studies and Design Implications (International Series on Materials Science and Technology) (v. 3) Hacking: Basic Security, Penetration Testing and How to Hack (hacking, how to hack, penetration testing, basic security, arduino, python, engineering Book 1) Product Design for Manufacture and Assembly, Third Edition (Manufacturing Engineering and Materials Processing) A Guide to Wear Problems and Testing for Industry (Materials and Processing Technology) Modern Ceramic Engineering: Properties, Processing, and Use in Design, 2nd Edition (Engineered Materials) Processing Techniques and Tribological Behavior of Composite Materials (Advances in Chemical and Materials Engineering) Materials Processing: A Unified Approach to Processing of Metals, Ceramics and Polymers Titanium in Medicine: Material Science, Surface Science, Engineering, Biological Responses and Medical Applications (Engineering Materials)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)