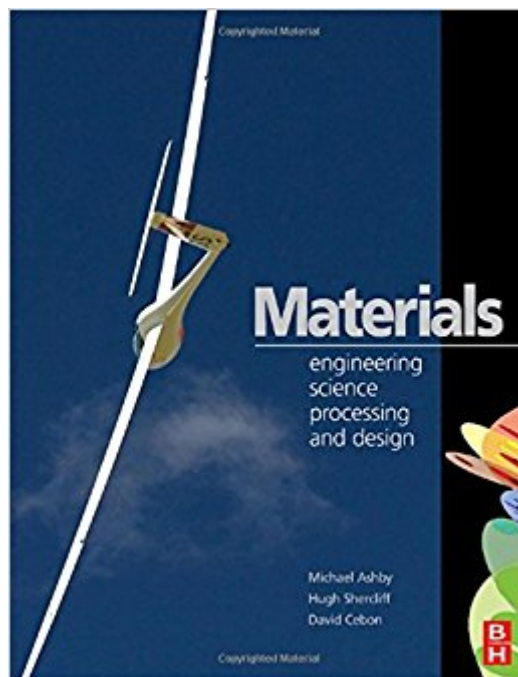




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# **Materials: Engineering, Science, Processing And Design (Materials 3e North American Edition W/Online Testing)**



## 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

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## 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).

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