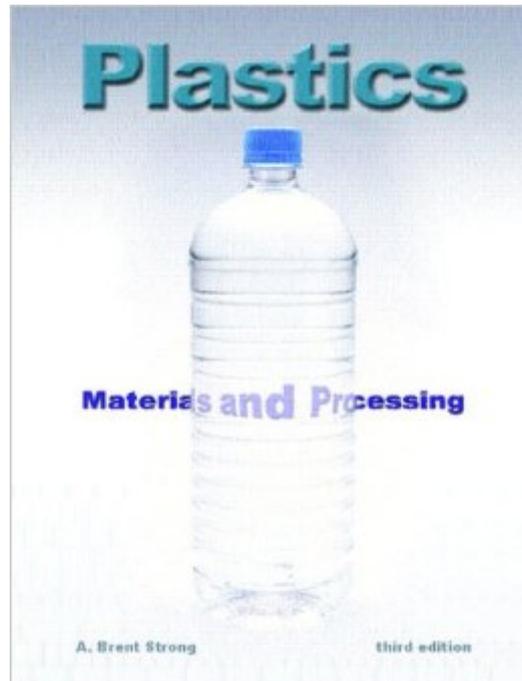


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# Plastics: Materials And Processing (3rd Edition)



## Synopsis

For courses in Plastics, Materials and Manufacturing found in departments of mechanical, industrial or manufacturing technology or engineering; also for any beginning course in Plastics in engineering or technology programs. This book is designed to introduce plastics to a wide range of students who need to either gain, improve, or refresh their knowledge of plastic materials and manufacturing. It fully discusses both materials and manufacturing processes in a carefully-constructed and logical presentation. While providing a fundamental overview of a broad spectrum of topics, the text's high level of detail makes it valuable as both an introductory text and, later, a professional reference manual.

## Book Information

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## Customer Reviews

The paperback version appears to be a photo-reproduction and not an original press run. The illustrations and photos are very poorly reproduced. The publisher should not be charging this outrageous price for such a shoddy reproduction. I'm sure the pictures and illustrations may have helped in presenting the information but most were so bad as to be more of a distraction than an aid. If this is a required text for a class try and find a hard bound copy. Hopefully the photos will be properly reproduced. As for the text itself, this book seems quite in need of a refresh for a publication date as recent as 2005.

I have used this book as a reference and for teaching a Plastics Course in Mechanical Engineering.

It is very easy to read, it does not get into too much confusing details about the chemistry - it explains the chemical fundamentals very easily. It does a great job of relating plastic structures with actual properties such as permeability, strength and conductivity. All my students consider a great book. It is one of the best written books I have encountered during my academic career. Worth its weight in gold !!

Though I've barely begun reading it, first let me say my professor highly recommends the book's content. Having said that, the third edition is poorly printed and bound. The photos, all black and white, are so grainy that a 5th-generation xerox would be better quality. The pages are thin (highlighter soak-thru) and the cover is already coming off the spine in the first week of class. It's bad enough that engineering textbooks have to cost this much; if I'm going to pay over a hundred dollars for one it should last for years. Shame on the publisher.

The content of this book is relevant, up-to-date and comprehensive. Dr. Strong has infused this complex study with his many years of professional, research, and academic experience. He has also made it accessible and understandable to anyone interested in the field regardless of experience. Unfortunately the publisher seriously dropped the ball on the Third Edition paperback. The graphics and photographs look like they were copied from a Second Edition hardback book with an ancient, low-resolution copier or scanner. The images are grainy, poorly contrasted, and in many cases, unrecognizable. Other errors have also been reported in the lists of plastic materials inside the front and back covers. It is also very unfortunate that there is not a hard-bound version of the Third Edition. I doubt that soft-cover book will long withstand the rigors of lab use. With any luck, Dr. Strong will find a new publisher to give the book the treatment it deserves.

I've been reading this book as part of an engineering Masters program. It covers a wealth of topics related to plastics, but I've not been impressed at all by the quality of the book itself. The pages look as if they've been photocopied instead of printed, so much so that all the images (which are black & white only) are washed out and nearly impossible to identify. The author also chose some ridiculous pictures, including one of a plate of spaghetti (to describe amorphous plastics) and a cake. I'm pretty sure anyone reading this book already knows what spaghetti and cake look like!

This book is written a very understandable and readable style. It seems to be very good and thorough in the processing areas. There are a number of errors in the first few chapters on

structure, so if you use this book you should supplement it with something else.

The book is great, it should be called plastics for dummies. It explains everything in a simple manner and focuses on the application of the concepts. Great for anyone with engineering or technical knowledge or who needs to learn the who's or why's of plastics.

I used this book for my college course on plastics and still use it as a reference. Easy to read with good explanations of the basics of plastics through processing. The organization of the book makes it convenient to use as a reference.

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