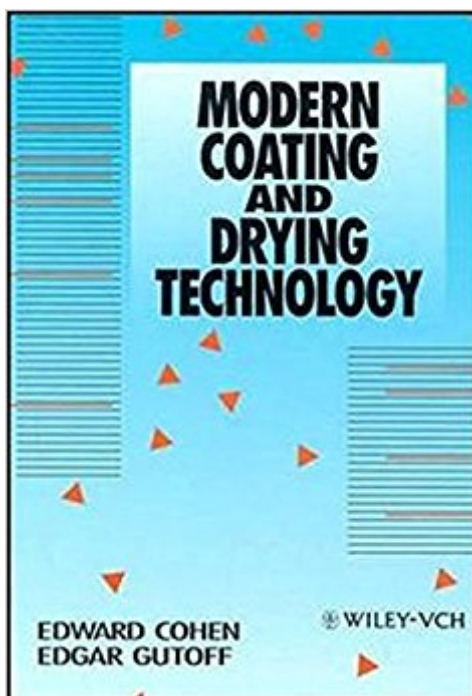


The book was found

Modern Coating And Drying Technology



Synopsis

In this book, industrial engineers and others will find a much needed introduction and reference on the science of coating. Drawn from a two-day course organized by the editors, this book delineates the major processes used in coating continuous webs, emphasizing precision application technology for the high performance coatings required by so many high-tech products. From fluid preparation and delivery through coating application and drying to finished product, expert contributors discuss limitations in speed and thickness, coating defects and their causes, handling the web, drying the coated web, and the effects on the process of the surface chemistry of coating fluid and coating support. The contributors represent the paper and converting industries as well as the photographic industry.

Book Information

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This book occupies the middle ground between practical books like Booth (Coating Equipment and

Processes () and Weiss (Coating and laminating machines: A guide to the design, selection, and usage of coating and laminating machines) on the one end and the more scientific (and two to three times longer) book by Kistler and Schweizer (see "all my reviews" for a link -- for some reason the review software will not let me insert a link to this book here). It tends to be a good readable introduction. The academics may criticize it for not being scientific enough. Some plant engineers criticize it for not being detailed enough. On the other hand it has one huge advantage over the other books referenced: it is in print. One might argue that the reason it is still in print while the others are not is that it is actually pitched at the level that most people want to read, neither too high nor too low for the market. You might be looking for something different, but odds are this is the book to start with. PS. The authors have another book (Coating and Drying Defects: Troubleshooting Operating Problems (Society of Plastics Engineers Monographs)) that is almost certainly worth owning. But I only have the first edition, so I cannot comment on the second edition.

This is a good introductory book for engineers and scientists interested in film coating and drying. It's needless to say that we shall refer to the literature cited when we need in-depth knowledge; nonetheless, it is an important book to find a lead on a matter of concern.

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