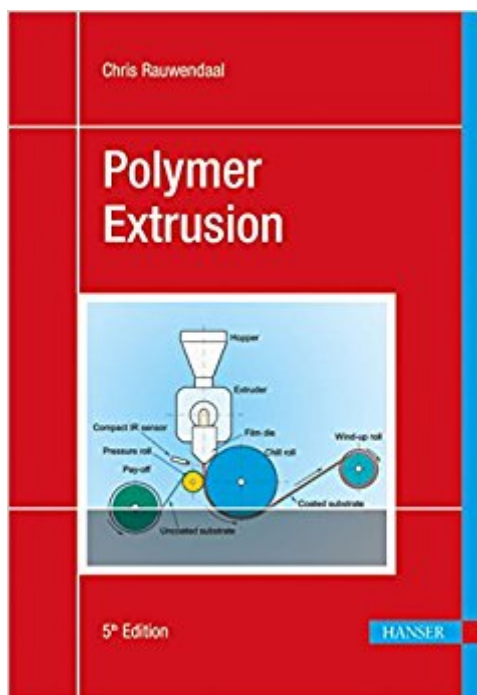




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Polymer Extrusion



Synopsis

Bridging the gap between theory and practice, the fifth edition of Polymer Extrusion continues to serve the practicing polymer engineer and chemist, providing the theoretical and practical tools for successful extrusion operations. In its revised and expanded form, this book incorporates many new developments in extrusion theory and machinery.

Book Information

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Customer Reviews

Chris Rauwendaal, president of Rauwendaal Extrusion Engineering, Inc., (REE, Inc), has experience in a wide range of extrusion operations, including fiber spinning, film, sheet, tubing, medical tubing, pipe, and profile extrusion, co-extrusion, and reactive extrusion. Rauwendaal holds several patents in the field of polymer processing. He has worked on both practical and theoretical problems, such as screw-and-die design, trouble shooting, modeling and computer simulation, material analysis, and failure analysis.

It has everything that i need

Excelent

This is the best book I have had for extrusion. I use this knowledge on my job daily.

If you are in the Plastics industry this is a great reference book. Has excellent sections on polymers and extrusion process.

Let me preface this review by saying that this book is meant for those with an engineering degree or strong technical background. The text quickly moves into derivations for the analysis of extrusion equipment; and without this background one will easily be lost in the math. That being said, it has pretty much everything a practicing extrusion engineer would need. I haven't had the chance to read through the entire book, however thus far have found the screw design quite helpful in the understanding of the process (as a working engineering in plastic extrusion). Despite having an engineering degree, I do find myself getting lost in the derivations, however this is true with almost any technical reference book. Take your time and this book can prove quite useful in extrusion design/troubleshooting.

This book is undoubtedly the most comprehensive book on polymer extrusion, covering mechanical structure, instrumentation, theory, process analysis, design, modeling & computer simulation, and more. It is strongly recommendable to researchers and engineers who are interested in polymer extrusion. It might be arguable that the volume is too much as the coverage is too wide, and the depth of descriptions seems to fluctuate a bit. To be precise, my rating is 4 and a half stars.

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