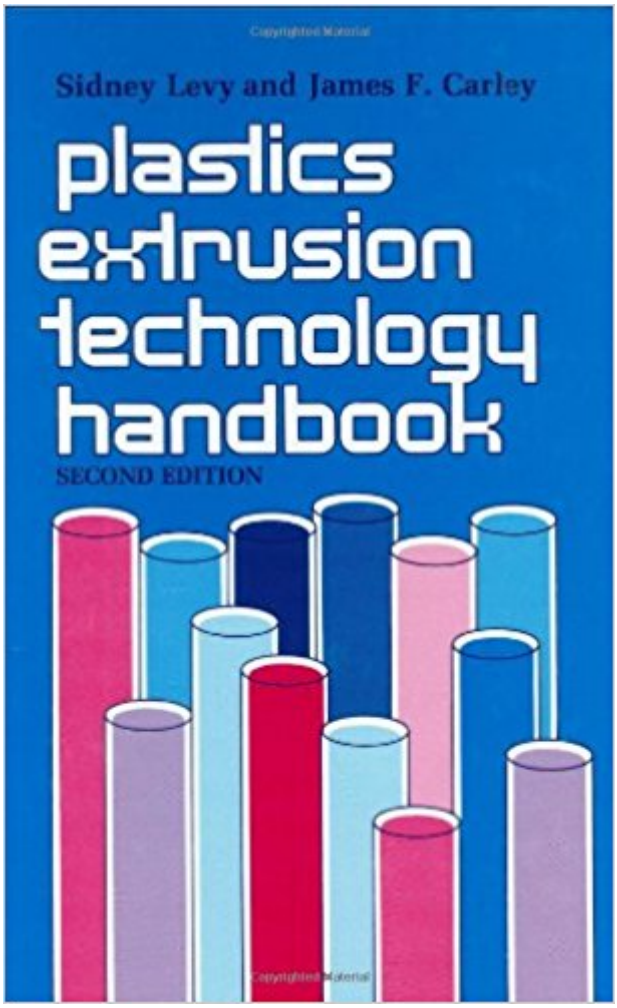
Plastics Extrusion Technology Handbook



Synopsis

Offering complete and in-depth data and information on plastics extrusion, this practical handbook presents the technology of the subject rather than the theory. Presents an overview of extrusion technology as applied to the operation of extrusion systems and the design of tooling and equipment for use in the process. Provides basic technical information on the behavior of polymer and plastics materials in the extrusion process. Contains tool descriptions that provide a basis for the analysis of existing product lines as examples for the design of new systems. Includes illustrations of and background material on control systems for the extruder and extrusion process.

Book Information

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Customer Reviews

This is an excellent book describing the fundamentals of plastics extrusion. Its only shortcoming--if you care to call it that--is its reliance on the most common thermoplastics to describe all plastics extrusion. In defense of the authors, they did state that caveat. I have given it 5 stars but I only studied about half of the material in the book, and do not feel qualified to rate the other half, specifically the chapters around heat transfer, downstream equipment, design and integration, computer control, and plant design. Someone with more experience around that might give the prospective buyer a better picture.

I am a Process Technician at a plastics compounding company. I ordered this book when I first was hired because I came from a molding company and needed to quickly grasp extrusion principles.

This book was one of the few that I could find that was affordable. It provided me with a good understanding of extrusion.

Plastics Extrusion Technology Handbook Sustainable Plastics: Environmental Assessments of Biobased, Biodegradable, and Recycled Plastics The Effect of Sterilization on Plastics and Elastomers, Third Edition (Plastics Design Library) Biodegradable Polymers and Plastics (World Conference on Biodegradable Polymers and Plastics (7th) Permeability Properties of Plastics and Elastomers, Third Edition (Plastics Design Library) Fatigue and Tribological Properties of Plastics and Elastomers, Second Edition (Plastics Design Library) Fatigue and Tribological Properties of Plastics and Elastomers, Third Edition (Plastics Design Library) Feedstock Recycling and Pyrolysis of Waste Plastics: Converting Waste Plastics into Diesel and Other Fuels Life-Enhancing Plastics: Plastics and Other Materials in Medical Applications (Series on Biomaterials and Bioengineering) Plastics in Medical Devices: Properties, Requirements and Applications (Plastics Design Library) Plastics in Medical Devices, Second Edition: Properties, Requirements, and Applications (Plastics Design Library) Adhesives Technology Handbook, Third Edition (Plastics Design Library) Extrusion of Polymers 2E: Theory and Practice Understanding Extrusion with CDROM (Hanser Understanding Books) Polymer Extrusion Hot-Melt Extrusion: Pharmaceutical Applications Plastics Processing Technology Training in Plastics Technology 2E Rotational Molding Technology (Plastics Design Library) The Science and Technology of Flexible Packaging: Multilayer Films from Resin and Process to End Use (Plastics Design Library)