



Bibliografie in domeniul maselor plastice:

Bibliografie in limba româna:

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- **Prelucrarea materialelor plastice**, Autori: Mihail R., Goldenberg N., Editura Tehnica – Bucuresti 1963;
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- **Degradarea si stabilizarea polimerilor**, Autori: S. Horun, O. Sebe, Editura Tehnica – Bucuresti 1983;
- **Procese si utilaje in industria de prelucrare a compusilor macromoleculari**, Autori: Z. R. Tudose, Editura Tehnica – Bucuresti 1976;
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- **Procese, operatii, utilaje in industria chimica**, Autori: Z. R. Tudose, I. Ibanescu, M. Vasiliu, A. Stancu, Gh. Cristian; Editura Didactica si Pedagogica – Bucuresti 1977;
- **Operatii si utilaje in industria chimica**, Autor: Em. Bratu; Editura Tehnica – Bucuresti 1960;
- **Tehnologii de prelucrare a polimerilor. Prelucrarea materialelor plastice**, Autori: D. Feldman, M. Rusu, Institutul Politehnic Iasi – 1977;
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Stabliovschi, E. Mihai, Editura Academiei R.S.R. – Bucuresti 1980;

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- **Utilaje pentru prelucrarea polimerilor**, Autori: M.Lungu, S.Petrovanu: Atelier Rotaprint, U.T.Iasi, 1980.

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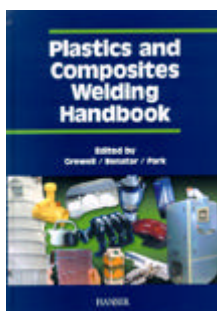
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Technical Books For Industry, Science, And Education



Plastics and Composites Welding Handbook

Price US: \$99.95

ISBN: 1-56990-313-1

Published: 2003

Hardbound 407 pages 310 figures 15 tables

Editors: Avraham Benatar David A. Grewell Joon B. Park

Providing a practical framework for understanding weldability, optimizing part design, troubleshooting and testing make *Plastics and Composites Welding Handbook* an indispensable resource. This all-new comprehensive handbook was developed to provide users with information on all welding methods. Each chapter was developed by experts in the field with a wide breadth of information dealing with all welding aspects. This is a must read for everyone involved in the welding of plastics and composites.



Adhesion and Adhesives Technology:

An Introduction

Price US: \$89.95

ISBN: 1-56990-319-0

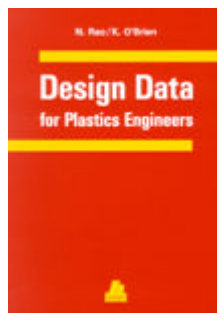
Edition: Second

Published: 2002

Hardbound 319 pages 161 figures 33 tables

Author: Alphonse V. Pocius

This book describes the three main disciplines that make up adhesion technology: mechanics of the adhesive bond, chemistry of adhesives, and surface science.



Design Data for Plastics Engineers

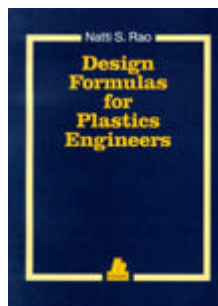
Price US: \$49.95

ISBN: 1-56990-264-X

Published: 1998

Keith O'Brien Natti Rao

Whether working on product design or process optimization, engineers need a multitude of polymer property values.



Design Formulas for Plastics Engineers

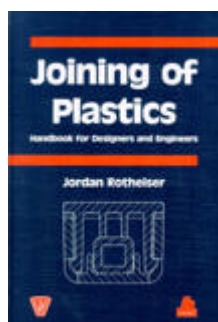
Price US: \$39.95

ISBN: 1-56990-084-1

Published: 1991

Natti Rao

The formulas in this book are classified for specific areas, including rheology, thermodynamics, heat transfer, and part design.



Joining of Plastics:

Handbook for Designers and Engineers

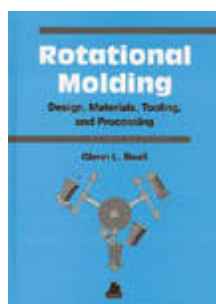
Price US: \$129.95

ISBN: 1-56990-253-4

Published: 1999

Jordan I. Rotheiser

This book takes the joining of plastics to a new level by dealing with the special considerations necessary to apply the principal assembly methods to parts manufactured by the 22 major processing methods and made of the 34 most commonly used plastics.



Rotational Molding:

Design, Materials, Tooling, and Processing

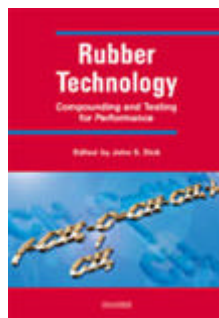
Price US: \$69.95

ISBN: 1-56990-260-7

Published: 1998

Glenn L. Beall

A highly versatile process, rotational molding allows for incredible design flexibility with the added benefit of low production costs.



Rubber Technology:

Compounding and Testing for Performance

Price US: \$149.95

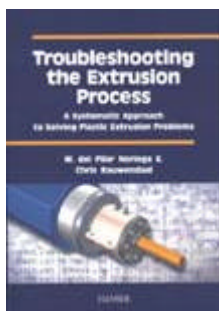
ISBN: 1-56990-278-X

Edition: First

Published: 2001

Hardbound 567 pages 213 figures 152 tables

Editor: John S. Dick



Troubleshooting the Extrusion Process:

A Systematic Approach to Solving Plastic Extrusion Problems

Price US: \$89.95

ISBN: 1-56990-320-4

Edition: First

Published: 2001

Hardbound 158 pages 102 figures 29 tables

Authors: Maria del Pilar Noriega E. Chris Rauwendaal



Handbook of Technical Formulas

Price US: \$38.95

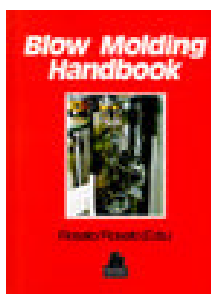
ISBN: 1-56990-248-8

Edition: First

Published: 1999

Karl-Friedrich Fischer

Containing almost six hundred pages and more than 850 illustrations, this complete reference provides fast, accurate information for solving technical problems.



Blow Molding Handbook: Technology, Performance, Markets, Economics. Complete Blow Mold Operation

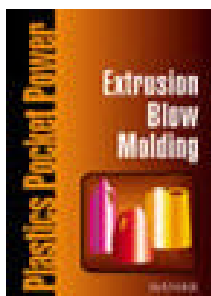
Price US: \$199.95

ISBN: 1-56990-089-2

Published: 1989

Dominick V. Rosato Donald V. Rosato

This step-by-step manual is a guide to new molding equipment, new plastics, mold and die design, upstream and downstream equipment, product design, CAD/CAM/CAE, quality control, troubleshooting guidelines, advantages and limitations of blow molding as well as competitive techniques, markets and economics.



Extrusion Blow Molding: Plastics Pocket Power Series

Price US: \$24.95

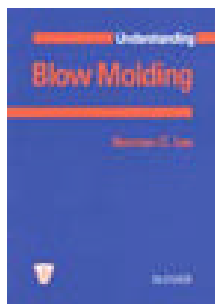
ISBN: 1-56990-334-4

Edition: First

Published: 2001

Michael Thielen

This powerful tool will provide you with an overview of extrusion blow molding technology: from equipment and fundamentals to process details and design guidelines.



Understanding Blow Molding

Price US: \$39.95

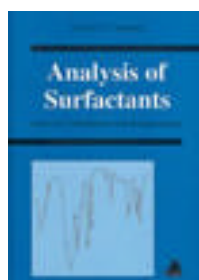
ISBN: 1-56990-301-8

Edition: First

Published: 2000

Norman C. Lee

The focus of this book is with the process of blow molding of thermoplastic materials and to familiarize those who have not been exposed to this technology to the basic concepts.



Analysis Of Surfactants

Price US: \$654.00

ISBN: 1-56990-187-2

Published: 1996

Dietrich O. Hummel

This book, containing more than a 1,000 spectra, presents full information on every spectrum (material class, molecular mass, chemical structure, trade name, manufacturer), which allows an exact assignment of spectrum to molecular structure.



Performance Enhancement in Coatings

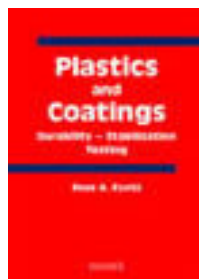
Price US: \$99.95

ISBN: 1-56990-263-1

Published: 1998

Edward W. Orr

The science of environmentally friendly coatings is a very young, but rapidly growing discipline.



Plastics and Coatings: Durability, Stabilization, and Testing

Price US: \$89.95

ISBN: 1-56990-290-9

Edition: First

Published: 2001

This book presents a comprehensive overview of the durability of coatings and plastics, including information on their chemical, photooxidation, moisture, heat, and solvent resistance.



Surfactants: A Practical Handbook

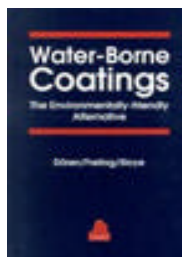
Price US: \$79.95

ISBN: 1-56990-270-4

Published: 1999

K. Robert Lange

This book is intended for the industrial chemist, engineer, and marketer involved with surfactant applications and product development.



Water-Borne Coatings: The Environmentally-Friendly Alternative

Price US: \$59.95
ISBN: 1-56990-139-2
Published: 1994

Klaus Doren Werner Freitag Dieter Stoye

This book reviews all areas, including: binders, additives, pigments and extenders.



Decorating Plastics

Price US: \$49.95
ISBN: 1-56990-058-2
Published: 1986

James M. Margolis

This book presents a comprehensive investigation of the different surface qualities, structures and decorations that can be achieved using a wide range of techniques.



Experimental Strategies for Polymer Scientists and Plastics Engineers

Price US: \$59.95
ISBN: 1-56990-224-0
Published: 1997

Richard C. Neuman

This book is designed to prepare polymer scientists and plastics engineers to outline important planning steps that precede experimental work, present experimental designs to improve efficiency, teach data collection and analysis techniques, and provide guidance for setting objectives and assist in minimizing errors.



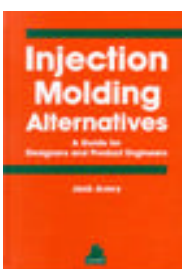
Feeding Technology for Plastics Processing

Price US: \$99.95
ISBN: 1-56990-241-0
Edition: First

Published: 1998

David H. Wilson

This book provides process engineers with the basic knowledge of feeding concepts and describes the various types of devices commonly used in feeding/proportioning operations.

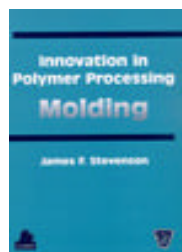


Injection Molding Alternatives: A Guide for Designers and Production Engineers

Price US: \$99.95
ISBN: 1-56990-251-8
Published: 1998

Jack Avery

This guide covers a wide range of processes, variations of injection molding techniques, and low volume production techniques used for prototyping and pre-production.



Innovation in Polymer Processing: Molding

Price US: \$149.95
ISBN: 1-56990-197-X
Published: 1996

James F. Stevenson

This book presents a comprehensive description of molding technologies.



Mixing & Compounding Of Polymers: Theory and Practice

Price US: \$179.95
ISBN: 1-56990-156-2
Published: 1994

I. Manas-Zloczower Z. Tadmor

This volume covers the basic principles to the various practical applications, with due consideration to material properties and mixing devices.



Mold-Making Handbook for the Plastics Engineer

Price US: \$149.95
ISBN: 1-56990-261-5
Edition: 2nd Edition
Published: 1998

Gunter Menning Klaus Stoeckert

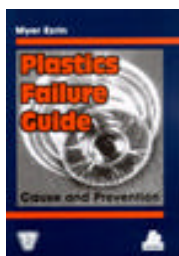
This handbook provides all of the fundamental and engineering aspects of mold construction and mold manufacturing.



Plastics Compounding

Price US: \$99.95
ISBN: 1-56990-236-4
Published: 1998
David B Todd

The objectives of this handbook are to present a comprehensive, balanced treatment of the various types of equipment commercially available and to describe what a polymer experiences as it passes through the equipment from feed to pelletization.



Plastics Failure Guide: Cause and Prevention

Price US: \$129.95
ISBN: 1-56990-184-8
Published: 1996
Myer Ezrin

The focus of this book is on actual field and product failures. The treatment is comprehensive, emphasizing cause and prevention.

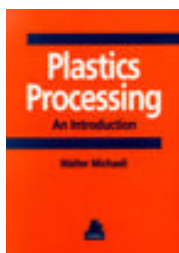


Plastics Packaging: Properties, Processing, Applications, Regulations

Price US: \$69.95
ISBN: 1-56990-303-4
Edition: First
Published: 2000

Ruben Hernandez Susan E. M. Selke John Culter

This new book is intended to provide a basic understanding of plastic packaging materials.



Plastics Processing: An Introduction

Price US: \$49.95
ISBN: 1-56990-144-9
Published: 1995
Walter Michaeli

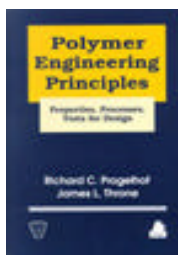
This overview of the essential methods of plastics processing includes basic principles, theory, and technical background information.



Plastics: Product Design and Process Engineering

Price US: \$69.95
ISBN: 1-56990-142-2
Published: 1995
Harold Belofsky

This textbook integrates product design with a study of mechanical and physical properties, processing machinery and tooling, and materials and process selection.

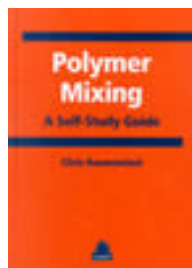


Polymer Engineering Principles (Hardcover): Properties, Processes and Tests for Design

Price US: \$149.95
ISBN: 1-56990-150-3
Published: 1993

Richard C. Progelhof James L. Throne

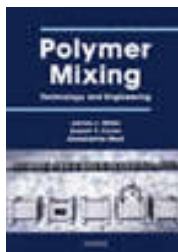
This book introduces the elements and characteristics of polymers-glass transition temperature, melt range, molecular weight distribution, viscoelasticity, and degree of crystallinity. Characteristics are related to polymer solid and fluid behavior.



Polymer Mixing: A Self-Study Guide

Price US: \$69.95
ISBN: 1-56990-223-2
Published: 1998
Chris Rauwendaal

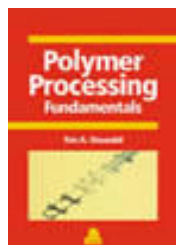
This book covers the fundamental aspects of polymer mixing as well as modern mixing equipment. It emphasizes the basic mechanisms involved in the different mixing processes with a quantitative description of each process.



Polymer Mixing: Technology and Engineering

Price US: \$89.95
ISBN: 1-56990-237-2
Edition: First
Published: 2001

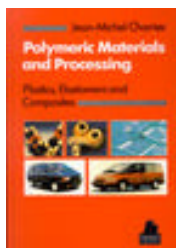
Polymer Mixing: Technology and Engineering intends to provide, in one place, a broad based examination of the characteristics of polymer blends and compounds, and the methods of preparing them in batch and continuous mixing equipment.



Polymer Processing Fundamentals

Price US: \$39.95
ISBN: 1-56990-262-3
Published: 1998
Tim A. Osswald

Based on lecture notes from a five-week polymer processing laboratory course taught at the University of Wisconsin-Madison, this text provides background on polymer processing to engineering students and practicing engineers.



Polymeric Materials and Processing: Plastics, Elastomers and Composites

Price US: \$59.95
ISBN: 1-56990-010-8
Published: 1990
Jean-Michel Charrier

This introductory text covers all major topics associated with plastics, elastomers and composites, including: general chemical concepts, materials, properties and standard testing methods, processing, case histories and applications, and a survey of polymeric automotive products.



Processing of Composites

Price US: \$179.95
ISBN: 1-56990-226-7
Edition: First
Published: 2000

Raju S. Dave Alfred C. Loos

This book provides a quick overview of the fundamental principles underlying composite processing and summarizes a few important processes for composite manufacturing.



Radiation Processing Of Polymers

Price US: \$99.95
ISBN: 1-56990-096-5
Published: 1991

A. Singh Joseph Silverman

Directed to the polymer engineer, this volume presents essays by leading practitioners and covers background and scientific data, detailed discussions of products and processes, and the status of current research.



Reactive Polymer Blending

Price US: \$129.95
ISBN: 1-56990-312-3
Edition: First
Published: 2001

This book deals with the reactive polymer blending in the development of new polymer materials, which attain the specific mechanical properties due to unique combination of their component polymers.

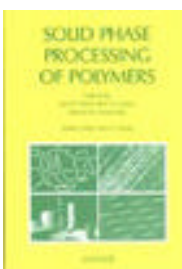


Rheology in Plastics Quality Control

Price US: \$79.95
ISBN: 1-56990-286-0
Published: 2000

John M. Dealy Peter C. Saucier

Rheology in Plastics Quality Control successfully merges introductory rheology and measurement methods with standard statistical data treatment methods for quality control.



Solid Phase Processing of Polymers

Price US: \$129.95
ISBN: 1-56990-307-7
Edition: First
Published: 2000

Ian M. Ward Phil D. Coates Michel M. Dumoulin

Solid Phase Processing of Polymers provides a comprehensive up-to-date account of the solid phase processing of polymers with particular emphasis on the production of oriented polymers in the form of fibers, films, and solid sections, including rods, sheets, and tubes.



Training in Plastics Technology

Price US: \$49.95
ISBN: 1-56990-293-3
Edition: Second
Published: 2000

Walter Michaeli Leo Wolters Helmut Greif Franz-Josef Vossebürger

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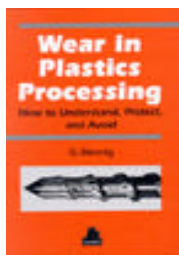


Understanding Compounding

Price US: \$39.95
ISBN: 1-56990-228-3
Published: 1998

Robert H. Wildi Christian Maier

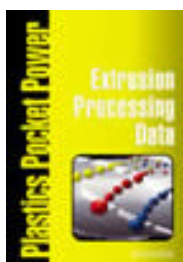
This book gives a general overview of the compounding process, and a description of the what and how of the major compounding classes and unit operations encountered within a compounding process.



Wear In Plastics Processing: How to Understand, Protect, and Avoid

Price US: \$149.95
ISBN: 1-56990-137-6
Published: 1995
Gunter Menning

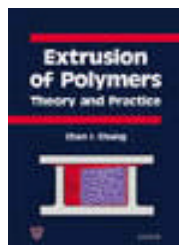
Addressing the fundamentals of wear and tribology, this book covers the various wear-reducing measures (special steels, hardening techniques, etc.), and new developments in these technologies.



Extrusion Processing Data: Plastics Pocket Power Series

Price US: \$24.95
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Edition: First
Published: 2001

Alberto Naranjo C. Maria del Pilar Noriega E. Juan Diego Sierra M. Juan Rodrigo Sanz
This powerful tool will provide you with the most important processing data, such as viscosity, thermal properties, and suggested barrel heater temperatures for the most commonly used materials in extrusion.



Extrusion of Polymers: Theory and Practice

Price US: \$99.95
ISBN: 1-56990-288-7
Edition: First
Published: 2000
Chan I. Chung

The author presents single-screw extrusion technology together with the relevant polymer fundamentals, with an emphasis on screw design.

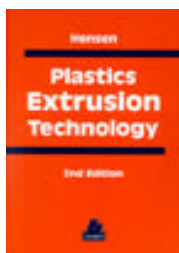


Film Processing

Price US: \$149.95
ISBN: 1-56990-252-6
Published: 1999

Toshitaka Kanai Gregory A. Campbell

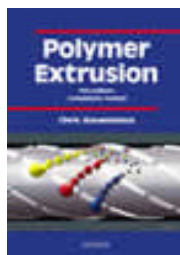
With numerous contributors, industrial and academic, from North American, Europe and Japan, this volume deals with the manufacturing processes for preparing very thin polymer products.



Plastics Extrusion Technology

Price US: \$199.95
ISBN: 1-56990-225-9
Edition: Second
Published: 1997
Friedhelm Hensen

Now updated, this industry standard provides information on the aspects and processes of extrusion technology, including design, construction, and operation of extrusion lines.



Polymer Extrusion

Price US: \$99.95
ISBN: 1-56990-321-2
Edition: Fourth
Published: 2001
Chris Rauwendaal

Completely revised, the goal of *Polymer Extrusion*, 4th edition is to bridge the gap between theory and practice.



Reactive Extrusion: Principles and Practice

Price US: \$99.95
ISBN: 1-56990-113-9
Edition: Third
Published: 1992
Marino Xanthos

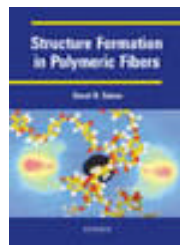
Based on a highly successful PPI advanced technical course given by the author, this book combines the applied and fundamental aspects of reactive extrusion.



Screw Extrusion

Price US: \$149.95
ISBN: 1-56990-317-4
Published: 2003

Screw Extrusion is part of the Progress in Polymer Processing Series. This series of texts is dedicated to the goal of bringing together the expertise of accomplished academic and industrial professionals. The volumes have multi-authored format, which provides a broad picture of the volume topic viewed from the prospective of contributors from around the world.



Structure Formation in Polymeric Fibers

Price US: \$149.95
ISBN: 1-56990-306-9
Edition: First
Published: 2001

This book provides a comprehensive and critical review of the science of fiber formation.



Twin Screw Extrusion: Technology and Principles

Price US: \$89.95
ISBN: 1-56990-109-0
Published: 1990
James L. White

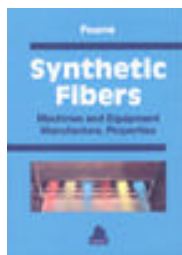
As part of its comprehensive treatment of this complex technology, this volume distinguishes between the different types of commercially available twin screw extruders and clearly describes their capabilities.



Understanding Extrusion

Price US: \$39.95
ISBN: 1-56990-233-X
Published: 1998
Chris Rauwendaal

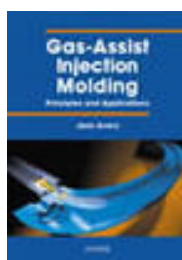
This book presents basic information on extrusion and is accessible to professionals without an engineering degree.



Synthetic Fibers

Price US: \$299.00
ISBN: 1-56990-250-X
Published: 1999
Franz Fourné

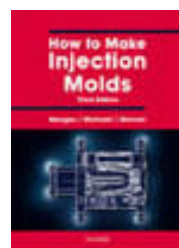
Today approximately 20 million t/year of synthetic fibers are produced, about 45% of the world fiber production. Although the industry has grown rapidly, until now there has been no English language text covering the design of machines and equipment for the production of synthetic fibers.



Gas-Assist Injection Molding: Principles and Applications

Price US: \$89.95
ISBN: 1-56990-298-4
Edition: First
Published: 2001

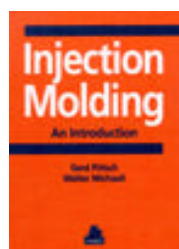
This book provides practical information that helps industrial designers, product designers, toolmakers, and molders to design and manufacture higher value, more cost-effective products.



How to Make Injection Molds

Price US: \$149.95
ISBN: 1-56990-282-8
Edition: Third
Published: 2001

Now in its third edition, this classic, comprehensive handbook for the design and manufacture of injection molds covers all aspects of how to successfully make injection molds from a practical as well as from a theoretical point of view.

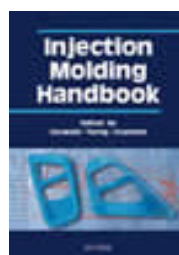


Injection Molding: An Introduction

Price US: \$59.95
ISBN: 1-56990-193-7
Published: 1995

Gerd Pötsch Walter Michaeli

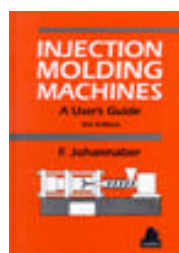
This introduction covers all aspects such as materials behavior, machine and mold design, and the process.



Injection Molding Handbook

Price US: \$149.95
ISBN: 1-56990-318-2
Edition: First
Published: 2001

This new book serves as an introductory textbook for students getting acquainted with injection molding.



Injection Molding Machines: A User's Guide

Price US: \$89.95
ISBN: 1-56990-169-4
Edition: Third
Published: 1994

Friedrich Johannaber

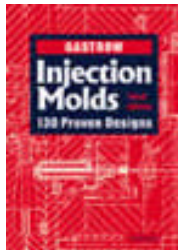
The author, an expert in designing injection molding machines, managing molding plants, and training operators, has provided an updated and succinct description of the machine and process.



Injection Molding Processing Data: Plastics Pocket Power Series

Price US: \$24.95
ISBN: 1-56990-330-1
Edition: First
Published: 2001

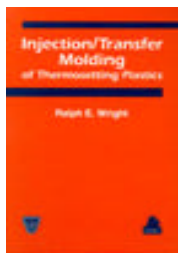
Alberto Naranjo C. Maria del Pilar Noriega E. Juan Diego Sierra M. Juan Rodrigo Sanz
This powerful tool will provide you with the most important processing data, such as viscosity, thermal properties, mold temperatures, and suggested heater temperatures for the most commonly used materials in injection molding.



Injection Molds 130 Proven Designs

Price US: \$99.95
ISBN: 1-56990-316-6
Edition: Third Edition
Published: 2002
Hans Gastrow

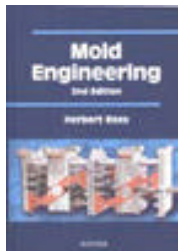
Newly updated and now in its 3rd edition. This new edition has been revised and expanded and truly is a must have for everyone involved with designing and building injection molds.



Injection/Transfer Molding of Thermosetting Plastics

Price US: \$59.95
ISBN: 1-56990-147-3
Published: 1995
Ralph E. Wright

This book offers an in-depth look at the development of thermosetting molding from compression molding to current, state-of-the-art "closed mold" methods, commonly known as transfer or injection molding.



Mold Engineering

Price US: \$129.95
ISBN: 1-56990-322-0
Edition: 2nd Edition
Published: 2002
Herbert Rees

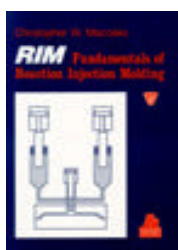
This Classic text provides all the basic and engineering aspects of mold design and manufacturing for thermoplastic molding materials. Now available in all **NEW** 2nd Edition.



Plastic Part Design For Injection Molding: An Introduction

Price US: \$79.95
ISBN: 1-56990-129-5
Published: 1994
Robert Malloy

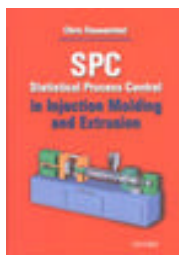
The goal of the book is to assist the designer in the development of parts that are functional, reliable, manufacturable, and aesthetically pleasing.



Reaction Injection Molding: Fundamentals of Reaction Injection Molding

Price US: \$59.95
ISBN: 1-56990-055-8
Published: 1988
Christopher W. Macosko

Technically strong, yet easy-to-follow, this guide is fully-illustrated and explains engineering fundamentals, equipment theory, chemistry, and physical operations.



SPC in Injection Molding and Extrusion

Price US: \$79.95
ISBN: 1-56990-285-2
Edition: First
Published: 2000
Chris Rauwendaal

The intention of this book is to teach SPC and its application to specific processes in an integrated fashion.



Training in Injection Molding

Price US: \$49.95
ISBN: 1-56990-302-6
Edition: Second
Published: 2001

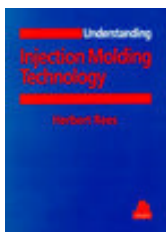
Walter Michaeli Helmut Greif Gernot Kretzschmar Frank Ehrig
This text and workbook provides a clearly written, comprehensive introduction to the major topics associated with injection molding.



Understanding Injection Mold Design

Price US: \$39.95
ISBN: 1-56990-311-5
Edition: First
Published: 2001
Herbert Rees

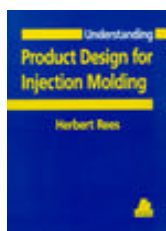
The designer will not find elaborate drawings of existing molds, but instead he or she will learn about the many factors that must be considered when successfully designing a mold.



Understanding Injection Molding Technology

Price US: \$39.95
ISBN: 1-56990-130-9
Published: 1995
Herbert Rees

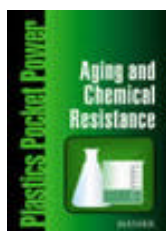
This introduction emphasizes the basic technical information specific to injection molding and the various technical problems faced when working in industry.



Understanding Product Design Injection Molding

Price US: \$39.95
ISBN: 1-56990-210-0
Published: 1996
Herbert Rees

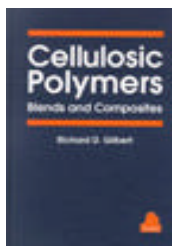
This book offers assistance on selecting the proper material for any product and determining whether injection molding is the process best suited for the application.



Aging and Chemical Resistance: Plastics Pocket Power Series

Price US: \$24.95
ISBN: 1-56990-332-8
Edition: First
Published: 2001

Christian Bonten Robert Berlich
This powerful tool provides you with an overview of the different interacting aging mechanisms and their influence on plastic parts and their properties.



Cellulosic Polymers: Blends and Composites

Price US: \$99.95
ISBN: 1-56990-166-X
Published: 1994
Richard D. Gilbert

This handbook presents the latest advances in cellulose, cellulose derivatives, and their applications in blends and composites.



Composite Materials Technology: Processes and Properties

Price US: \$89.95
ISBN: 1-56990-056-6
Published: 1990

P. K. Mallick S. Newman

Fundamental principles, equipment, processing technology, current development activities, as well as associated materials and applications are clearly presented.



Designing with Reinforced Composites: Technology, Performance, Economics

Price US: \$99.95
ISBN: 1-56990-211-9
Published: 1997
Dominick V. Rosato

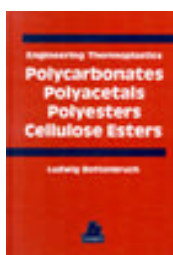
This book presents information essential for one to succeed at meeting product performance requirements while producing at the lowest cost-with zero defects.



Discovering Polyurethanes

Price US: \$59.95
ISBN: 1-56990-272-0
Published: 1999
Konrad Uhlig

Discovering Polyurethanes serves as a concise yet easy-to-understand introduction into the wide field of polyurethanes.



Engineering Thermoplastics: Polycarbonates, Polyacetals, Polyesters

Price US: \$149.95
ISBN: 1-56990-183-X
Published: 1996
Ludwig Bottenbruch

This handbook covers the basic and technical aspects of chemistry, production, testing, properties, processing, and applications.



Failure Of Plastics

Price US: \$149.95
ISBN: 1-56990-008-6
Published: 1986

Witold Brostow R.D. Corneliusen

Covering theory and practice, this book describes our knowledge base and provides directions for future work toward elimination of mechanical failure of plastics under varied conditions.



Guide to Short Fiber Reinforced Plastics

Price US: \$69.95
ISBN: 1-56990-244-5
Published: 1998
Roger F. Jones

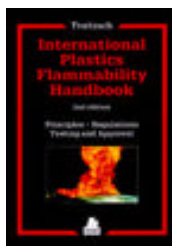
Providing concise, basic information on the selection, use, and processing of short fiber reinforced thermoplastics and thermoset materials, this book examines the principles characteristics of these materials and their strengths and weaknesses in practical terms for design engineers.



High-Performance Thermosets: Chemistry, Properties, Applications

Price US: \$99.95
ISBN: 1-56990-155-4
Published: 1993
Shiow-Ching Lin Eli M. Pearce

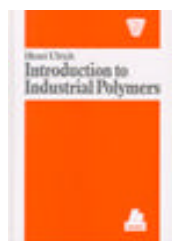
The book covers commercially used and developing thermosetting technologies- bismaleimide, cyanate esters, epoxy resins, bisnadimides and biscyclobutene (BCB), and alternative technologies-biphenylene, phenylacetylenyl and cyanophenyl.



International Plastics Flammability Handbook: Principles, Regulations, Testing, and Approval

Price US: \$199.95
ISBN: 1-56990-100-7
Edition: Second
Published: 1990

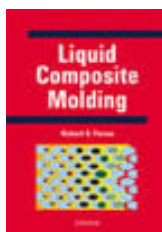
This unique and comprehensive handbook is a mandatory reference for those concerned with the fire performance of plastics as well as those who develop, sell, or approve plastics products or components in all fields of application.



Introduction To Industrial Polymers

Price US: \$59.95
ISBN: 1-56990-102-3
Edition: Second
Published: 1993
Henri Ulrich

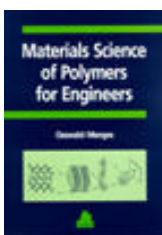
This edition provides an overview of industrial polymers. Materials ranging from general plastics, man-made fibers and elastomers, to blends and alloys, and functional polymers are included.



Liquid Composite Molding

Price US: \$89.95
ISBN: 1-56990-287-9
Edition: First
Published: 2000
Richard S. Parnas

This book provides a fundamental understanding of the transport phenomena, chemical reaction engineering, and textile science that underpin modern composites manufacturing.

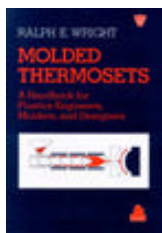


Materials Science of Polymers

Price US: \$59.95
ISBN: 1-56990-192-9
Published: 1995

Tim A. Osswald Georg Menges

This book introduces engineering properties of polymeric materials to students and engineers from a material science perspective.

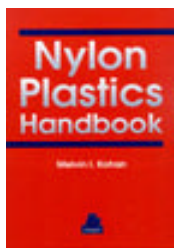


Molded Thermosets:

A Handbook for Plastics Engineers, Molders and Designers

Price US: \$69.95
ISBN: 1-56990-112-0
Published: 1991
Ralph E. Wright

This handbook provides in-depth coverage of every important family of thermoset polymer systems and their molding-from the raw material through the finished molded part.



Nylon Plastics Handbook

Price US: \$199.95
ISBN: 1-56990-189-9
Published: 1995
Melvin I. Kohan

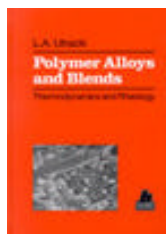
This handbook addresses nylon plastics technology, including the mechanisms of blending and toughening.



Performance of Plastics

Price US: \$179.95
ISBN: 1-56990-277-1
Edition: First
Published: 2000
Witold Brostow

Performance of Plastics is devoted to the subject of service performance of polymers and composites.



Polymer Alloys And Blends: Thermodynamics and Rheology

Price US: \$129.95
ISBN: 1-56990-104-X
Published: 1989
L. A. Utracki

This classic explains the fundamentals of polymer blend science and technology, providing a description of the basic principles and outlining developments in thermodynamics, rheology and morphology of polymer blends.

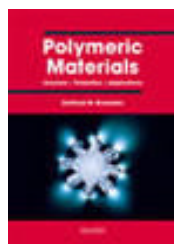


Polymeric Compatibilizers: Uses and Benefits in Polymer Blends

Price US: \$149.95
ISBN: 1-56990-194-5
Published: 1996

Sudhin Datta David J. Lohse

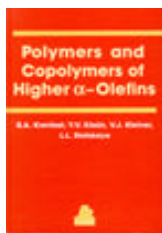
This book describes the physical and chemical bases of compatibilizers and the ways they have been synthesized. It surveys the application of compatibilization to many polymer blends.



Polymeric Materials: Structure - Properties - Applications

Price US: \$39.95
ISBN: 1-56990-310-7
Edition: First
Published: 2001
G. W. Ehrenstein

This book is intended to fill the knowledge gap between the chemical structure and the related physical characteristics of plastics necessary for appropriate material selection, design, and processing. **Selected as one of Choice Magazine's Outstanding Academic Titles for 2001**

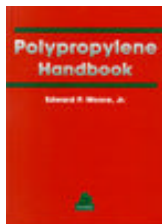


Polymers And Copolymers Of Higher Alpha-Olefins: Chemistry, Technology, Applications

Price US: \$149.95
ISBN: 1-56990-220-8
Published: 1997

B A Krentsel Y. V. Kissin V.I. Kleiner L. Stotskaya

This is the first comprehensive book on the synthesis, properties, and applications of polymers and copolymers of linear and branched higher α -olefins.

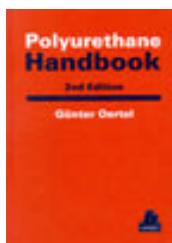


Polypropylene Handbook: Polymerization, Characterization, Properties, Processing, Applications

Price US: \$199.95
ISBN: 1-56990-208-9
Published: 1996

Edward P. Moore, Jr.

This handbook presents a detailed report from 20 contributors on all pertinent polypropylene technology.



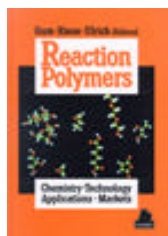
Polyurethane Handbook: Chemistry, Raw Materials, Processing, Application, Properties

Price US: \$199.95
ISBN: 1-56990-157-0

Edition: Second
Published: 1994

Gunter Oertel

This handbook includes comprehensive coverage of polyurethane chemistry, raw materials, flexible and rigid foam, integral skin, elastomers, coatings, adhesives, binders, and fibers.

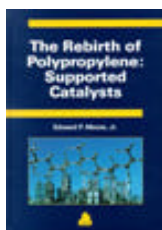


Reaction Polymers

Price US: \$179.95
ISBN: 1-56990-034-5
Published: 1992

Wilson Gum Wolfram Riese Henri Ulrich

The authors present a comprehensive review of the technical developments, research and markets for the major classes of reaction polymers.



Rebirth of Polypropylene: Supported Catalysts

Price US: \$59.95
ISBN: 1-56990-254-2
Published: 1998

Edward P. Moore, Jr.

This book is a comprehensive history of the discovery and technological development over four decades of polypropylene (and many derivative polymers).

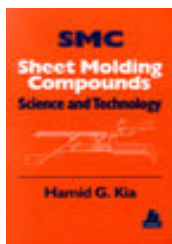


Resins For Coatings: Chemistry, Properties, Applications

Price US: \$179.95
ISBN: 1-56990-209-7
Published: 1996

Dieter Stoye Werner Freitag

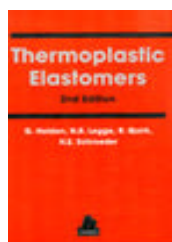
Designed as a guide for the coating formulator and technologist as well as a reference for students, this handbook offers practical information, data, and references needed to understand and solve coating problems.



Sheet Molding Compounds: Science and Technology

Price US: \$79.95
ISBN: 1-56990-154-6
Published: 1993
Hamid G. Kia

This book presents the current technology for sheet molding compound (SMC) manufacturing, as well as the science behind this technology.



Thermoplastic Elastomers

Price US: \$149.95
ISBN: 1-56990-205-4
Edition: Second
Published: 1996

Geoffrey Holden Norman R. Legge Roderic Quirk Herman Schroeder

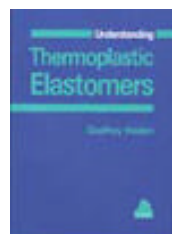
The authors have prepared a comprehensive reference to R & D phases of TPE from its earliest roots to today's technical advances, high performance materials, and updated practices.



Understanding Plastics Packaging Technology

Price US: \$39.95
ISBN: 1-56990-234-8
Published: 1997
Susan E. M. Selke

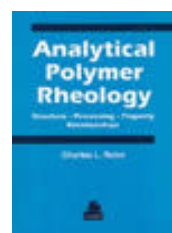
The manufacture and use of various packaging forms is explained in this book, including films and flexible packaging, thermoformed, injection and blow molded containers, and packaging foams.



Understanding Thermoplastic Elastomers

Price US: \$39.95
ISBN: 1-56990-289-5
Published: 2000
Geoffrey Holden

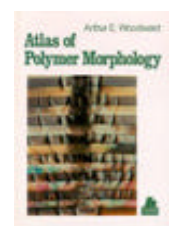
Understanding Thermoplastic Elastomers provides a general introduction to the field of thermoplastic elastomers, and gives a survey of these materials.



Analytical Polymer Rheology: Structure, Processing, Property, Relationships

Price US: \$129.95
ISBN: 1-56990-149-X
Published: 1995
Charles L. Rohn

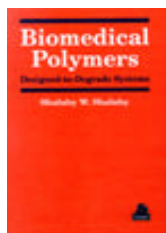
Descriptions of classical theories that make the connection between rheological parameters and molecular structure of all states of matter are presented.



Atlas Of Polymer Morphology

Price US: \$199.95
ISBN: 1-56990-111-2
Published: 1988
Arthur E. Woodward

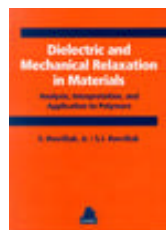
This collection of micrographs, electron and optical, are arranged by subject.



Biomedical Polymers: Designed-to-Degrade Systems

Price US: \$129.95
ISBN: 1-56990-159-7
Published: 1994
Shalaby W. Shalaby

This volume fully provides a unique update by a team of technical authorities in the fast growing area of designer polymers.

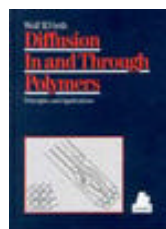


Dielectric & Mechanical Relaxation in Materials

Price US: \$149.95
ISBN: 1-56990-186-4
Published: 1996

Stephen Havriliak, Jr Stephen James Havriliak

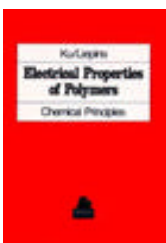
This book describes dielectric and mechanical relaxation in all types of materials from the point of view of molecular jumping processes.



Diffusion In And Through Polymers: Principles and Applications

Price US: \$79.95
ISBN: 1-56990-106-6
Published: 1991
Wolf R. Vieth

This book focuses on polymer absorption and diffusion, structure property relationships for penetrant transport in polymers, with case studies and break-throughs in membrane separation processes.



Electrical Properties Of Polymers: Chemical Principles

Price US: \$129.95
ISBN: 1-56990-051-5
Published: 1989

Chen C. Ku Raimond Liepins

This book treats polymeric materials from the most insulating to the most conducting in a way that combines and correlates both experiments and data.

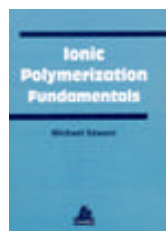


Infrared Spectroscopy Of Polymer Blends, Composites, and Surfaces

Price US: \$79.95
ISBN: 1-56990-026-4
Published: 1992

Andrew Garton

This book describes the options for the analysis of polymer blends, composites, and surfaces. The tutorial format supports self-study and classroom use.



Ionic Polymerization Fundamentals

Price US: \$69.95
ISBN: 1-56990-207-0
Published: 1996
Michael Szwarc

This book covers the essential concepts of ionic polymerization and copolymerization, from the initiation of the polymerization reaction, through the propagation phase of the macromolecules, to the termination of growth.



Micromechanics Of Composites: Composite Properties of Fibre and Matrix Constituents

Price US: \$69.95
ISBN: 1-56990-206-2
Published: 1996
Kuno K.U. Stellbrink

This paperback and accompanying disk provide the necessary tools to estimate the mechanical and hygrothermal properties of fiber reinforced plastics (layers in multi-ply laminates), based on corresponding properties of their fiber and matrix constituents.



Photoinitiation, Photopolymerization, and Photocuring: Fundamentals and Applications

Price US: \$149.95
ISBN: 1-56990-146-5
Published: 1995
Jean-Pierre Fouassier

This state-of-the-art review explains the various aspects of a photopolymerization reaction, and the current and potential applications of photocuring: coatings, paints, adhesives, graphic arts, microelectronics, optics, medicine, stereolithography, laser writing, and more.

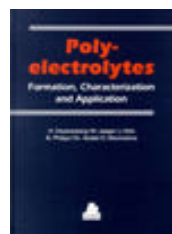


Physics Of Plastics: Processing, Properties and Materials Engineering

Price US: \$59.95
ISBN: 1-56990-003-5
Published: 1992

Arthur W. Birley B. Haworth Jim Batchelor

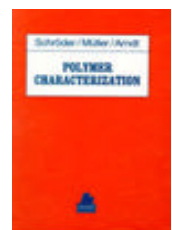
This book shows the relationship between processing parameters and product performance by examining morphology in terms of texture and orientation.



Polyelectrolytes: Formation, Characterization and Application

Price US: \$99.95
ISBN: 1-56990-127-9
Published: 1994

Herbert Dautzenberg Werner Jaeger Joachim Kotz Burkhardt Philipp Christian Seidel
This book furnishes a comprehensive presentation of current techniques for polyelectrolyte macromolecular and electrochemical characterization, and a survey of structure formation in polyelectrolyte solutions and dispersions.

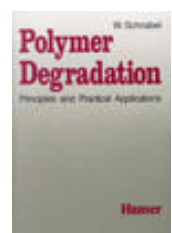


Polymer Characterization

Price US: \$69.95
ISBN: 1-56990-093-0
Published: 1989

Elisabeth Schroder Gert Muller Karl-Friedrich Arndt

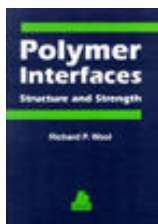
From theory through experimental practice, this text offers instruction and test material for polymer characterization.



Polymer Degradation: Principles and Practical Applications

Price US: \$69.95
ISBN: 1-56990-092-2
Published: 1982
W. Schnabel

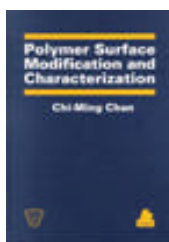
This is an introductory text to polymer degradation, written in a concise format that moves to related references and areas of interest.



Polymer Interfaces: Structure and Strength

Price US: \$129.95
ISBN: 1-56990-133-3
Published: 1995
Richard P. Wool

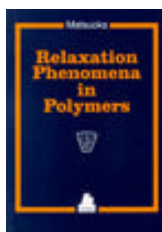
This book provides a fundamental understanding of the structure and strength of polymer interfaces and a state-of-the-art presentation of the theoretical, spectroscopic, and mechanical test methods.



Polymer Surface Modification and Characterization

Price US: \$99.95
ISBN: 1-56990-158-9
Published: 1993
Chi-Ming Chan

This book illustrates the important relationship between surface analysis and surface modification techniques.



Relaxation Phenomena In Polymers

Price US: \$69.95
ISBN: 1-56990-060-4
Published: 1992
Shiro Matsuoka

This book connects the physics of polymer molecules to engineering applications



Simple Methods for Identification Of Plastics

Price US: \$39.95
ISBN: 1-56990-280-1
Edition: Fourth
Published: 1999
Dietrich Braun

This concise guide enables processors and users to determine the chemical nature and classification of unknown plastic materials.



Statistical Mechanics Of Chain Molecules

Price US: \$59.95
ISBN: 1-56990-019-1
Published: 1989
Paul J. Flory

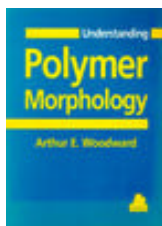
When this book was first published in 1969, many skeptics questioned the practicality and general applicability of connecting chemical structure.



Understanding Design Of Experiments: A Primer for Technologists

Price US: \$39.95
ISBN: 1-56990-222-4
Published: 1997
R. J. Del Vecchio

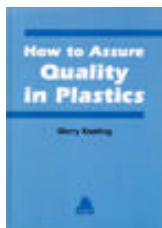
The author's step-by-step approach leads the reader through the basic concepts and practices of the methodology, supplying instructions on convenient designs.



Understanding Polymer Morphology

Price US: \$39.95
ISBN: 1-56990-141-4
Published: 1995
Arthur E. Woodward

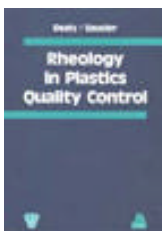
This is an introduction to form and structure of polymeric materials, illustrated by drawings and optical and electron micrographs.



How To Assure Quality In Plastics

Price US: \$69.95
ISBN: 1-56990-180-5
Published: 1995
Merry Keating

This book details proven industrial processes and planning strategies, and gives the reader a basic understanding of the technologies and systems used to ensure a successful and structured approach to product and process quality.



Rheology in Plastics Quality Control

Price US: \$79.95
ISBN: 1-56990-286-0
Published: 2000

John M. Dealy Peter C. Saucier

Rheology in Plastics Quality Control successfully merges introductory rheology and measurement methods with standard statistical data treatment methods for quality control.



Total Quality Process Control For Injection Molding

Price US: \$149.95
ISBN: 1-56990-031-0
Published: 1992

Joseph M. Gordon, Jr.

The methods, tools and requirements needed to establish, initiate and produce quality plastic parts are explained in this book.



How To Manage Plastics Waste: Technology and Market Opportunities

Price US: \$79.95
ISBN: 1-56990-136-8
Published: 1994

Attilio L. Bisio Marino Xanthos

This handbook is a concise guide to the current and effective methods available to encourage and continue plastics recovery and recycling.



Plastics Recycling: Products and Processes

Price US: \$69.95
ISBN: 1-56990-015-9
Published: 1992

R. J. Ehrig

This comprehensive survey documents the current plastics recycling technology, and includes a list of organizations and university programs involved.



Recycling And Recovery Of Plastics

Price US: \$249.00
ISBN: 1-56990-214-3
Published: 1996

Johannes Brandrup Muna Bittner Walter Michaeli Georg Menges

This handbook covers issues such as recycling-oriented design, ecobalances, collection and sorting of waste, various pre-treatment processes, and the logistics adapted to geographical circumstances.

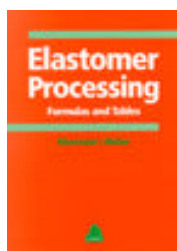


Applied Rubber Technology: Plastics Pocket Power Series

Price US: \$24.95
ISBN: 1-56990-329-8
Edition: First
Published: 2001

Nelson Castaño Mauricio de Greiff Alberto Naranjo C.

This powerful tool will guide you through the selection labyrinth for material blends, additives, compounding equipment, and vulcanization system.



Elastomer Processing: Formulas and Tables

Price US: \$59.95
ISBN: 1-56990-265-8
Edition: First
Published: 1998

Werner Kleeman Kurt Weber

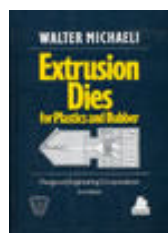
Chemists and engineers working on further development and optimization of rubber compounds for the rubber industry require characteristic values for a large number of compound ingredients, as well as information on how these ingredients influence the processing operation and the properties of the vulcanised product.



Engineering with Rubber: How to Design Rubber Components

Price US: \$99.95
ISBN: 1-56990-299-2
Edition: Second
Published: 2001

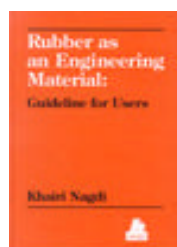
This new and revised second edition of *Engineering with Rubber* teaches the beginning engineer the principles of rubber science and technology.



Extrusion Dies For Plastics And Rubber: Design and Engineering Computations

Price US: \$99.95
ISBN: 1-56990-063-9
Edition: Second
Published: 1992
Walter Michaeli

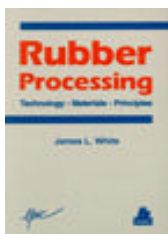
This book presents a concise look at the range of dies used for extrusion of plastics and elastomers.



Rubber As An Engineering Material: Guidelines for Users

Price US: \$99.95
ISBN: 1-56990-067-1
Published: 1992
Khairi Nagdi

This reference book provides the practitioner with information from selecting rubber materials for critical parts (e.g. seals) to all kinds of applications - aerospace, off-shore engineering, automotive and hydraulic industries.



Rubber Processing: Technology, Materials and Principles

Price US: \$129.95
ISBN: 1-56990-165-1
Published: 1995
James L. White

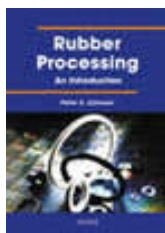
This book represents the first summary of rubber processing.



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contact@plastic.mobi;



Rubber Processing: An Introduction

Price US: \$69.95
ISBN: 1-56990-309-3
Edition: First
Published: 2001
Peter S. Johnson

This book deals with all aspects of rubber processing: mixing, milling, calendering, extrusion, and molding, and also testing and specification of raw materials, mixed compounds, and end products.



Rubber Technology Handbook

Price US: \$89.95
ISBN: 1-56990-145-7
Published: 1989
Werner Hofmann

This handbook covers natural rubber, synthetic rubber, chemicals and additives, processing of elastomers, and rubber testing and analysis.



A Glossary of Plastics Terminology in 5 Languages: English-German-French-Spanish-Italian

Price US: \$39.95
ISBN: 1-56990-328-X
Edition: Fifth
Published: 2001

The concept of this glossary remains the same as in the first edition-a word-to-word translation without further explanation or interpretation.

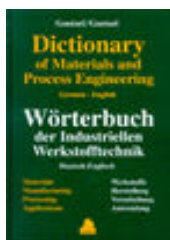


Aging and Chemical Resistance: Plastics Pocket Power Series

Price US: \$24.95
ISBN: 1-56990-332-8
Edition: First
Published: 2001

Christian Bonten Robert Berlich

This powerful tool provides you with an overview of the different interacting aging mechanisms and their influence on plastic parts and their properties.

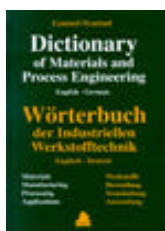


Dictionary of Materials and Process Engineering (English/German): Materials, Manufacturing, Processing, Applications

Price US: \$149.95
ISBN: 1-56990-148-1
Published: 1995

Claus G. Goetzel Lilo Goetzel

Thousands of terms, definitions, and concepts are presented, covering a broad range of current and emerging fields within the manufacturing industry, especially in science, research and development, engineering, and related technologies.

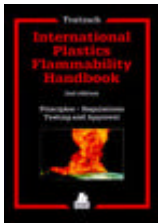


Dictionary of Materials and Process Engineering (German/English): Materials, Manufacturing, Processing, Applications

Price US: \$149.95
ISBN: 1-56990-221-6
Published: 1995

Claus G. Goetzel Lilo Goetzel

Thousands of terms, definitions, and concepts are presented, covering a broad range of current and emerging fields within the manufacturing industry, especially in science, research and development, engineering, and related technologies.



International Plastics Flammability Handbook: Principles, Regulations, Testing, and Approval

Price US: \$199.95
ISBN: 1-56990-100-7
Edition: Second
Published: 1990

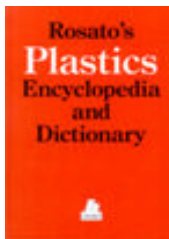
This unique and comprehensive handbook is a mandatory reference for those concerned with the fire performance of plastics as well as those who develop, sell, or approve plastics products or components in all fields of application.



National Certification in Plastics Study Guide

Price US: \$45.00
ISBN: 1-56990-304-2
Edition: First
Published: 2000
SPI

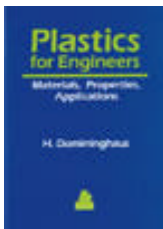
This Study Guide expands upon the topics outlined in the widely distributed NCP Body of Knowledge, the industry standard for machine operators, and provides a framework for additional training and study in preparation for the NCP Certified Operator Examination.



Plastics Encyclopedia and Dictionary

Price US: \$99.95
ISBN: 1-56990-088-4
Published: 1993
Dominick V. Rosato

This encyclopedia and dictionary presents relevant data from the technical and business fields of plastics.



Plastics For Engineers: Materials, Properties, Applications

Price US: \$99.95
ISBN: 1-56990-011-6
Published: 1993
Hans Dominghaus

This classic provides a comprehensive analysis of the properties and applications for the wide range of plastics of technical and commercial interest, with descriptions and data essential for selecting suitable materials.



Plastics Technical Dictionary: English-German/German-English

Price US: \$99.95
ISBN: 1-56990-110-4
Published: 1992
A. M. Wittfoht

This dictionary contains approximately 18,000 designations and technical terms from polymer chemistry, production, testing, properties and processing of plastics and the corresponding machines, as well as the special vocabulary of certain applications with abbreviations and acronyms.



Plastics: How Structure Determines Properties

Price US: \$79.95
ISBN: 1-56990-032-9
Published: 1993
Geza Gruenwald

Readers learn to identify the properties by comparing the structure of plastics to other materials and recognizing the effects that changes in design, processing or environment have on the performance of molded parts.



Understanding Design Of Experiments: A Primer for Technologists

Price US: \$39.95
ISBN: 1-56990-222-4
Published: 1997
R. J. Del Vecchio

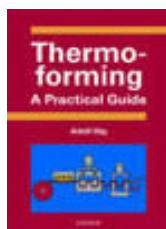
The author's step-by-step approach leads the reader through the basic concepts and practices of the methodology, supplying instructions on convenient designs.



Technology Of Thermoforming

Price US: \$199.95
ISBN: 1-56990-198-8
Published: 1996
James L. Throne

This thorough text covers thermoforming processes and products.



Thermoforming: A Practical Guide

Price US: \$69.95
ISBN: 1-56990-275-5
Edition: First
Published: 2001

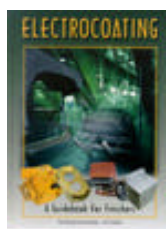
This book is based on well-established training courses, with comprehensive information on thermoforming principles and processes.



Understanding Thermoforming

Price US: \$39.95
ISBN: 1-56990-276-3
Published: 1999
James L. Throne

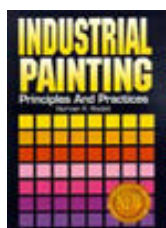
Understanding Thermoforming is a primer developed during many in-plant short courses and the basic thermoforming course sponsored by the University of Wisconsin-Milwaukee. It is designed for people who may not have extensive formal education.



Electrocoating: A Guidebook for Finishers

Price US: \$79.00
ISBN: 0-9712422-0-8
Edition: First
Published: 2002
Electrocoat Association

This guidebook, developed in cooperation with many electrocoating and general finishing industry experts, is intended to serve as a comprehensive reference for finishers using electrocoating technology.



Industrial Painting: Principles and Practices

Price US: \$49.95
ISBN: 1-56990-215-1
Edition: Second
Published: 1997
Norman R. Roobol



Parts Cleaning Handbook Without CFCs

Price US: \$39.95
ISBN: 1-56990-143-0
Published: 1994
John B. Durkee

This timely book presents concise, easy-to-follow guidelines to the fundamental chemistry and engineering requirements for cleaning products and processes.



Practical Guide To Industrial Metal Cleaning

Price US: \$49.95
ISBN: 1-56990-216-X
Published: 1997
David S. Peterson

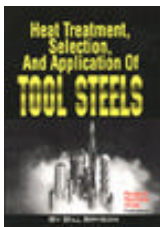
Industrial cleaning has evolved rapidly in the past decade, and this book takes the mystery out of choosing the best process, selecting the most effective equipment, and minimizing waste.



Cryogenics

Price US: \$36.95
ISBN: 1-56990-274-7
Published: 1999
Bill Bryson

This important book explains how and why wear resistance in metals and other materials is improved by exposure to subzero or deep-cold temperatures.



Heat Treatment, Selection, And Application of Tool Steels

Price US: \$34.95
ISBN: 1-56990-238-0
Published: 1997
Bill Bryson

Written in clear, non-technical language, this is an ideal reference for tool makers, heat treaters, and engineers.



Advanced Protective Coatings for Manufacturing and Engineering

Price US: \$64.95
ISBN: 1-56990-339-5
Published: 2003
Wit Grzesik

Surface coatings for cutting tools are examined in detail in this book for manufacturing engineers.



Applied Microtechnology: LIGA - Laser - Micro Precision Engineering

Price US: \$49.95
ISBN: 1-56990-326-3
Edition: First
Published: 2001

Rainer Bruck Nadeem Rizvi Andreas Schmidt

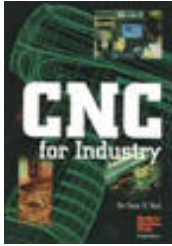
This book provides an introductory review of the physical and technical fundamentals of the three basic micro-structuring technologies.



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Tel./Fax: +40-232-276623;
Mobil: +40-745-888879;
contact@plastic.mobi;



CNC for Industry

Price US: \$44.95
ISBN: 1-56990-296-8
Edition: First
Published: 2000
Hans B. Kief

CNC for Industry provides a much broader look at the diverse applications of CNC than most books on the topic do.



High Performance Machining

Price US: \$59.95
ISBN: 1-56990-246-1
Published: 1998
Miles Arnore

High performance machining, the combination of high precision and high speed machining, is rapidly emerging as a prerequisite for success and profitability in machining operations.



Lathe Operation and Maintenance

Price US: \$32.95
ISBN: 1-56990-340-9
Published: 2003
John G. Edwards

This concise introduction to the lathe is an ideal text and reference for the novice or machinist in training.



Scientific Fundamentals of HSC

Price US: \$49.95
ISBN: 1-56990-335-2
Edition: First
Published: 2001

This book is a summary of basic knowledge about what occurs in the shear zone, concentrating on actions taking place in the shear zone, on chip formation, on material behavior and on the metal removal process itself.



Modern Machine Shop's Handbook for the Metalworking Industries

Price US: \$55.00
ISBN: 1-56990-345-X
Edition: First Edition
Published: 2002

A Comprehensive handbook written specifically for machinists. Containing over 2,368 pages filled with data and information collected from authoritative sources, including tool manufacturers and technical societies. This new reference presents a wide spectrum of essential topics.



The EDM Handbook

Price US: \$49.95
ISBN: 1-56990-242-9
Published: 1997
E. Bud Guitrau

Ideal for any manufacturing engineer, designer, operator, machinist, or toolmaker who wants to learn all the secrets of EDM, this important book reveals EDM's unique capabilities and provides the reader with a clear understanding of both the practical and theoretical aspects the technology.



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C.P. 1191 - O.P.4; 700368 - Iasi -; Romania
E-mail: webmaster@mase-plastic.ro

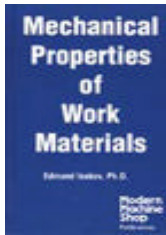
Tel./Fax: +40-232-276623;
Mobil: +40-745-888879;
contact@plastic.mobi;



Turret Mill Operation

Price US: \$42.95
ISBN: 1-56990-273-9
Edition: First
Published: 1999
John G. Edwards

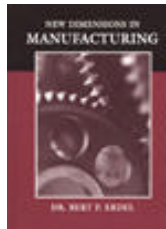
This large format text and reference manual for the novice or machinist-in-training is illustrated with hundreds of photographs, drawings, charts, and tables.



Mechanical Properties of Work Materials

Price US: \$48.95
ISBN: 1-56990-294-1
Edition: First
Published: 2000
Edmund Isakov

This book provides an accurate ranking and comparison of work materials, their hardness, and their ultimate tensile strength.



New Dimensions in Manufacturing

Price US: \$52.95
ISBN: 1-56990-245-3
Published: 1998
Bert P. Erdel

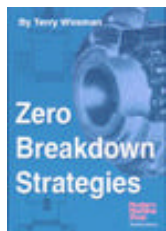
Today, with the business world changing at an ever increasing pace, there are advances in manufacturing processes, techniques, strategies, and principles that hold the key for staying ahead in the marketplace.



Tool Management Strategies

Price US: \$49.95
ISBN: 1-56990-247-X
Published: 1998
Martin Plute

Even though tooling is the lifeblood of a manufacturing company's profitability, it is often ignored and viewed as unimportant and not considered for automated control.



Zero Breakdown Strategies

Price US: \$49.95
ISBN: 1-56990-259-3
Edition: First
Published: 2000
Terry Wireman

Terry Wireman's latest book was written to assist companies, regardless of the type of industry or facility, to develop asset (equipment) management policies, which, when properly implemented, virtually eliminate equipment malfunctions or breakdowns.



C-Technology and Java

Price US: \$44.95
ISBN: 1-56990-325-5
Edition: First
Published: 2000
Ulrich Sandler

This book covers Java as a programming platform, COBRA as an objective infrastructure, and C-technology.



Concurrent Engineering Effectiveness

Price US: \$49.95
ISBN: 1-56990-231-3
Published: 1997

Mitchell Fleischer Jeffrey K. Liker

Subtitled Integrating Product Development Across Organizations, this book provides all the tools needed to achieve systems integration across organizational boundaries.



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Tel./Fax: +40-232-276623;
Mobil: +40-745-888879;
contact@plastic.mobi;

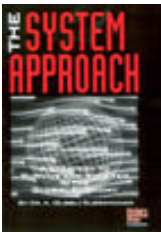


Running Today's Factory

Price US: \$49.95
ISBN: 1-56990-257-7
Edition: First
Published: 1999

Charles Standard Dale Davis

Running Today's Factory by Charles Standard and Dale Davis presents a proven approach to manufacturing management using scientific reasoning, clever analogies, and practical case examples.



The System Approach

Price US: \$32.95
ISBN: 1-56990-255-0
Edition: First
Published: 2000
K. Subramanian

The System Approach offers an innovative strategy for meeting the needs of industrial organizations throughout the world that have struggled to survive and succeed in today's global economy.



Top Shops + !: The New Manufacturing Standard

Price US: \$49.95
ISBN: 1-56990-297-6
Edition: Second
Published: 2000

Robert Wilson John Linscott

This all new edition of Top Shops+! is a blueprint for meeting the requirements of the new standard and remaining competitive in business.



QS 9000 Essentials

Price US: \$49.95
ISBN: 1-56990-240-2
Published: 1998
Rod Carpenter

For anyone who is now supplying, or wants to become a supplier to the Big Three automobile manufacturers, this book is essential reading.



SPC For Short Run Manufacturing

Price US: \$34.95
ISBN: 1-56990-239-9
Published: 1997
Leonard Doty

The basic fundamental theories, practices, and procedures of SPC that can be employed by a small manufacturing firm are presented in this practical guide.



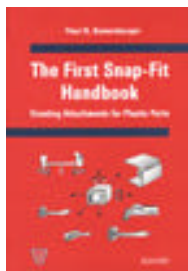
Successful Injection Molding, Process Design and Simulation.

An comprehensive explanations of the best ways to utilize simulation in the design of injection molded parts and the tools they are molded from. This book comes with a free CD-Rom that provides full color simulation output, animated filling analysis, and practical data collection forms for product development. This is an invaluable resource for every injection molding practitioner. Be sure to check out the sample pages!



Plastic Additives Handbook

Quoted by one reviewer as "the bible", [Plastic Additives Handbook](#) is now offered in its fifth edition. This is one book that will serve everyone involved in this field. Take a close look at the Table of Contents and all the sample pages provided!



The First Snap-Fit Handbook

Price US: \$89.95

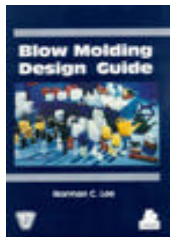
ISBN: 1-56990-279-8

Edition: First

Published: 2000

Paul Bonenberger

This book focuses exclusively on the plastic part attachment technology commonly called snap-fits or sometimes integral attachments.



Blow Molding Design Guide

Price US: \$79.95

ISBN: 1-56990-227-5

Published: 1998

Norman C. Lee

The objective of this book is to provide an understanding of plastic blow molding, materials, and processes.



Engineering with Rubber: How to Design Rubber Components

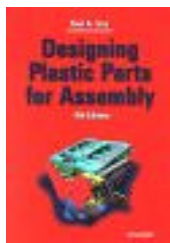
Price US: \$99.95

ISBN: 1-56990-299-2

Edition: Second

Published: 2001

This new and revised second edition of *Engineering with Rubber* teaches the beginning engineer the principles of rubber science and technology.



Designing Plastic Parts for Assembly

Price US: \$79.95

ISBN: 1-56990-305-0

Edition: Fourth

Published: 2000

Paul Tres

This practical design book facilitates cost-effective decisions and helps ensure that plastics parts and products stand up under use.



Welding: Plastics Pocket Power Series

Price US: \$24.95

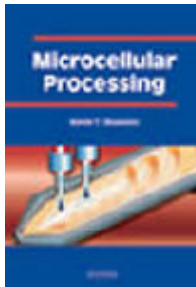
ISBN: 1-56990-333-6

Edition: First

Published: 2001

Avraham Benatar; Christian Bonten; David Grewell; Carsten Tuechert;

This powerful tool gives you an overview of the welding processes currently used in industrial applications - including their advantages and limitations.



Microcellular Processing

Price US: \$89.95

ISBN: 1-56990-344-1

Published: 2003

Hardbound 186 pages 109 figures 15 tables

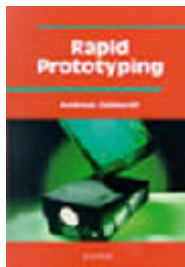
Author: Kelvin T. Okamoto

Description

A growing number of plastics processors gain a competitive edge by utilizing the commercial microcellular process using existing injection molding or extrusion equipment at commercial production rates with low-cost modifications. End users also gain an advantage when the microcellular process is incorporated into product design. Foamed materials produced by microcellular processes offer improved consistency and homogeneity of their cell structure, which results in superior product properties. Implementation of this novel technology helps the user to make critical improvements in:

- ? The reduction in the amount of plastics resin used.
- ? Meeting requirements of physical properties.
- ? Manufacturing efficiency.

Microcellular Processing presents case studies demonstrating the possible gains for the processor. It integrates real and practical issues of microcellular processing with low-cost modifications and provides a comprehensive description of all crucial elements.



Rapid Prototyping

Price US: \$99.95

ISBN: 1-56990-281-X

Published: 2003

Hardbound 379 pages 220 figures 20 tables

Author: Andreas Gebhardt

Description

This book encourages engineers to incorporate rapid prototyping in their daily routine. It illustrates the benefits that come with the use of models at any stage of the product development process and defines the different types of models. It gives comprehensive coverage on the fundamentals of rapid prototyping and the special capabilities. Demonstrating how RPT can be an effective means for evaluating design before costly commitments are made makes Rapid Prototyping an invaluable resource. This book presents rapid prototyping and its principles in a thorough way that enhances the learning experience.