## Contents

Contributors	vi
Preface	iz
A Plastics Overview: Figures and Tables	
Figure 1	
Plastics Simplified Flow Chart Guide from Raw Materials to Products	,
Figure 2	•
The Complete Processing Operation	
Figure 3	
Design Flow Diagram to Produce Products	
Figure 4	
Guide to the Plastic House	
Figure 5	_
Examples of Reinforced Plastics on the Boeing 777	
Figure 6	_
World Consumption of Plastics by Volume	
Figure 7	
World Consumption of Plastics by Weight	6
Table 1	
World Plastics Consumption in the Year 2000	
World of Plastics Reviews	
The Plastics Phenomenon	
Michael R. Cappelletti, Society of Plastics Engineers	11
SPI: The Industry's Voice	
Donald K. Duncan, Bonnie Merrill Limbach and Jennifer S. Dills, The Society of the Plastics Industry	13
Challenge 2000: Making Plastics a Preferred Material	10
Ronald H. Yocum and Susan P. Moore, American Plastics Council	15
Advancing the Plastics Industry Through Education and Research	
Aldo Crugnola, Nick R. Schott, and A. G. (Manny) Panos, Plastics Institute of America	17
Modern Plastics in the Year 2000	
Robert D. Leaversuch, Patrick A. Toensmeier, and Thomas Nuebling, Modern Plastics	19
Plastics Technology in the New Millennium	
Matthew H. Naitove and James J. Callari, Plastics Technology	21
Plastics News: Born to Feed Need for News	
Robert C. Grace and Anthony J. Eagan, Plastic News	
Molding Our Future Vision	
Suzy Witzler, T. Peter Sullivan, and Peter M. Zacher, Injection Molding Magazine	25
Thinking Like a Manager and Managing for the Long Run	
Leonard A. Schlesinger, Harvard Business School	27
Making Marketing Work	
Martin K. Pottle, Martin Thomas, Inc.	35

## Contents

The Plastics Industry: All Sectors, Including Machinery and Equipment	
Angelo R. Firenze, Adaptive Instruments Corporation	37
Basics and Overviews of Plastics Fabricating Processes	
M. G. Rosato, PlastiSource, Inc., and D. V. Rosato, Plastics FALLO	39
Guide to Processing Basics and Overview into the Future with Pictorial Views	
M. G. Rosato, PlastiSource, Inc., and D. V. Rosato, Plastics FALLO	53
Fundamentals of Designing with Plastics and Reinforced Plastics	
M. G. Rosato, PlastiSource, Inc., and D. V. Rosato, Plastics FALLO	71
Alphabetical Listing A to Z	<b>7</b> 9
Appendices	
Appendix A. List of Abbreviations	585
Appendix B. Conversion Tables	619
Appendix C. Worldwide Plastics Industry Associations	625
Appendix D. Worldwide Plastics Industry Events	645
Appendix E. U.S. Government Publications and Groups	649
Appendix F. Trade Magazines and Publications	651
Appendix G. Websites on Plastics	653
References	663
About the Authors	670
T., J.,	671