

CONTENTS

1. Introduction to Polymer Science	1
2. Polymerization	25
3. Polymer Modifications	109
4. The Size and Weight of Polymer Molecules	153
5. Polymer Morphology	205
6. Transitions and Relaxation in Polymers	239
7. Mechanical Properties of High Polymers	301
8. Rheology	425
9. Extrusion	457
10. Injection Molding	491
11. Polymer Fabrication Processes	555
Index	607