668.9 KUM 2nd rev. ed.

CONTENTS

1. Introduction	1
2. Effect of Chemical Structure on Polymer Properties	45
3. Step-Growth Polymerization	103
4. Reaction Engineering of Step-Growth Polymerization	153
5. Chain-Growth Polymerization	188
6. Reaction Engineering of Chain-Growth Polymerization	255
7. Emulsion Polymerization	299
8. Measurement of Molecular Weight and Its Distribution	340
9. Thermodynamics of Polymer Mixtures	374
10. Theory of Rubber Elasticity	407
11. Polymer Crystallization	437
12. Mechanical Properties	487
13. Polymer Diffusion	526
14. Flow Behavior of Polymeric Fluids	573
15. Polymer Processing	630
Index	687