

Contents

Making Flory–Huggins Practical: Thermodynamics of Polymer-Containing Mixtures	1
Bernhard A. Wolf	
Aqueous Solutions of Polyelectrolytes: Vapor–Liquid Equilibrium and Some Related Properties	67
G. Maurer, S. Lammertz, and L. Ninni Schäfer	
Gas–Polymer Interactions: Key Thermodynamic Data and Thermophysical Properties	137
Jean-Pierre E. Grolier and Séverine A.E. Boyer	
Interfacial Tension in Binary Polymer Blends and the Effects of Copolymers as Emulsifying Agents	179
Spiros H. Anastasiadis	
Theory of Random Copolymer Fractionation in Columns	271
Sabine Enders	
Computer Simulations and Coarse-Grained Molecular Models Predicting the Equation of State of Polymer Solutions	329
Kurt Binder, Bortolo Moggetti, Wolfgang Paul, Peter Virnau, and Leonid Yelash	
Modeling of Polymer Phase Equilibria Using Equations of State	389
Gabriele Sadowski	
Index	419