

Contents

Microgels by Precipitation Polymerization: Synthesis, Characterization, and Functionalization	1
Andrij Pich and Walter Richtering	
Hydrogels in Miniemulsions	39
Katharina Landfester and Anna Musyanovych	
Nano- and Microgels Through Addition Reactions of Functional Oligomers and Polymers	65
Krystyna Albrecht, Martin Moeller, and Juergen Groll	
Synthesis of Microgels by Radiation Methods	95
Franziska Krahle and Karl-Friedrich Arndt	
Microgels as Nanoreactors: Applications in Catalysis	129
Nicole Welsch, Matthias Ballauff, and Yan Lu	
Index	165

Chemical Design of Responsive Microgels

Pich, A.; Richtering, W. (Eds.)

2011, XII, 168 p. 93 illus., 4 illus. in color., Hardcover

ISBN: 978-3-642-16378-4