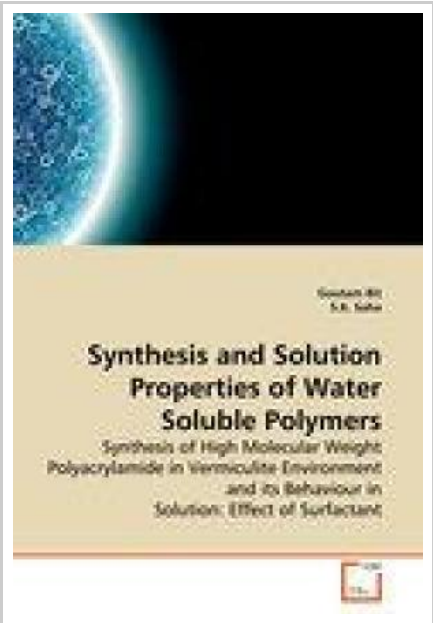

Synthesis and Solution Properties of Water Soluble Polymers

By Goutam Bit

VDM Verlag Jul 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x10 mm. This item is printed on demand - Print on Demand Neuware - Recently, scientists and engineers working on environmental and industrial problems have renewed their interests in water-soluble synthetic polymers primarily because of their broad range of applications. Polymer-surfactant interactions are not only of a diverse industrial interest but also stimulate academic investigations. Intercalation chemistry of phyllosilicates like vermiculite is gaining momentum rapidly to transform these abundant materials into selective heterogeneous catalysts. This book provides, detail aspect of kinetics and mechanism of the homo and copolymerization reactions of acrylamide in interlayer spaces of vermiculite, solution properties of polyacrylamide (PAM) in solvent mixtures (good and bad). The effects of the factors that control the expansion of polymer chains are discussed. The discussion would shed light on the understanding of interested readers of clay-catalysed polymerization (green way) of acrylamide, hydrodynamic properties of PAM under different conditions and it should also be useful to the researchers in the field of polymer chemistry and even the field of green chemistry (to exploit the tremendous catalytic potential of vermiculite). 160 pp. Englisch.

Reviews

An exceptional ebook along with the typeface applied was intriguing to read. It is definitely simplistic but unexpected situations within the fifty percent of the publication. You are going to like just how the writer publish this pdf.

-- ***Adeline O'Kon***

It is great and fantastic. I could possibly comprehended every little thing using this published e publication. I found out this pdf from my i and dad encouraged this book to discover.

-- ***Destini Muller***