
Abstract

Cyclopolyrn. of 1,1-diallyl-4-formylpiperazinium chloride in water using t-Bu hydperoxide as initiator gave a water sol. polymer.  Copolymers with SO2 were prepd. in DMSO using ammonium persulfate as initiator.  The compn. and phase diagram of the aq. two-phase systems of the homopolymer and copolymer was studied.