
Abstract

The synthesis and soln. properties of poly(1,1-diallyl-4-hydropiperazine dichloride) (I), a dicationic polymer, and poly(1,1-diallylpiperazinium chloride) (II), a bifunctional polymer with trivalent and quaternary nitrogens, and their corresponding copolymers with sulfur dioxide, poly(I-SO2) (III) and poly(II-SO2) (IV), are discussed. Dicationic polymers I and III were found to have less pronounced polyelectrolyte effects than their monocationic counterparts II and IV.