

Copolymerization of Sodium 2-Acrylamido-2-Methylpropane-1-Sulfonate with *N*-Vinylpyrrolidone in Aqueous-Ethanol Solutions

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Abstract—The solvent effect on the kinetic parameters of synthesis and molecular characteristics of copolymers formed by homogeneous radical copolymerization of sodium 2-acrylamido-2-methylpropane-1-sulfonate with *N*-vinylpyrrolidone in aqueous-ethanol solutions at pH 9 and 60°C in the presence of potassium persulfate as an initiator was studied.