

PROPERTIES AQUEOUS SOLUTIONS OF POLYMERS BASED ON N-VINYLCAPROLACTAM IN PRESENCE ANTHOACINIC PAINTS

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The influence of anthoacinic paints, extracted from plant stuff on the low critical temperature of homopolymer based on N-vinylcaprolactam and its copolymers with N-vinylimidazole and N-vinyl-1,2,3-triazole has been studied. Changing of phases separation temperature of polymer solutions were explained, using hypothesis of aqueouspolymer complex obtaining while macromolecules and its accociats interaction. Cooperation between thermosencitives and interaction in polymer-paint system was set.