

ABSTRACT OF THE DISCLOSURE

PROCESS OF PRODUCING VINYL ACETATE POLYMER

The present invention provides a process of producing a vinyl acetate polymer by homopolymerization of a vinyl acetate monomer or copolymerization of a vinyl acetate monomer and another copolymerizable comonomer, wherein a polymerization initiator is an organic peroxide having a half life at 60°C of 10 to 110 minutes, and a polymerization liquid contains at least one carboxylic acid or its salt, said carboxylic acid being selected from the group consisting of a hydroxycarboxylic acid and a polycarboxylic acid. According to the process of producing a vinyl acetate polymer of the present invention, the amount of soluble matters is decreased in a waste liquid generated by saponification of the vinyl acetate polymer, the amount of insoluble matters is decreased in a solvent for preparing a solution of the vinyl alcohol polymer obtained by saponification of the vinyl acetate polymer, the transparency of the solution of the vinyl alcohol polymer obtained by saponification of the vinyl acetate polymer is improved, and the odor of the vinyl alcohol polymer obtained by saponification of the vinyl acetate polymer is decreased.