

VINYL CHLORIDE RESIN COMPOSITION

ABSTRACT

A vinyl chloride resin composition having a greatly improved processability without lowering the transparency wherein the gelation property of a vinyl chloride resin is improved with greatly decreased generation of ungelled substance; which comprises a vinyl chloride resin and 0.1 to 30 parts by weight of a processing aid per 100 parts by weight of said vinyl chloride resin, wherein said processing aid is a polymer prepared by polymerizing (B) 40 to 94 parts by weight of a monomer mixture comprising 60 to 100 % by weight of methyl methacrylate, 0 to 40 % by weight of at least one monomer selected from the group consisting of an alkyl acrylate and an alkyl methacrylate different from methyl methacrylate and 0 to 10 % by weight of other vinyl monomer copolymerizable therewith, in the presence of a first latex prepared by emulsion-polymerizing (A) 3 to 30 parts by weight of a monomer mixture comprising 0 to 50 % by weight of methyl methacrylate, 50 to 100 % by weight of an alkyl acrylate and 0 to 20 % by weight of other vinyl monomer copolymerizable therewith, and polymerizing (C) 3 to 30 parts by weight of a monomer mixture comprising 0 to 50 % by weight of methyl methacrylate, 50 to 100 % by weight of an alkyl acrylate and 0 to 20 % by weight of other vinyl monomer copolymerizable therewith in the presence of the resulting second latex, the total amount of said mixtures (A), (B) and (C) being 100 parts by weight.

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