

ABSTRACT

A method for producing a (meth)acrylic resin composition, the method comprising continuously feeding a polymerizable monomer component comprising 50 to 100% by mass of methyl methacrylate, 0 to 20% by mass of an acrylic acid alkyl ester and 0 to 30% by mass of an additional monomer, a chain transfer agent, and a radical polymerization initiator to a tank reactor; conducting bulk polymerization of the polymerizable monomer component at a polymerization conversion ratio of 40 to 70% by mass to obtain a liquid containing a (meth)acrylic resin; continuously feeding the liquid to a vented extruder to separate a volatile component from the (meth)acrylic resin; continuously feeding the separated volatile component to a distillation column to obtain a fraction containing methyl methacrylate; adding a polymerization inhibitor to the fraction; and reusing the fraction which contains the polymerization inhibitor as part of the polymerizable monomer component.