

ABSTRACT

A method for producing a (meth)acrylic resin composition, comprising: continuously feeding reaction starting materials to a tank reactor, the reaction starting materials comprising a polymerizable monomer component, a chain transfer agent and a radical polymerization initiator, the 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; 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 resulting liquid to a vented extruder to separate volatile component from the (meth)acrylic resin; conducting distillation using an atmospheric distillation column to separate the volatile component into a high boiling fraction (C_1) and a low boiling fraction (A_1); and conducting distillation using a vacuum distillation column having a pressure of -50 kPaG to -101 kPaG at the top of the vacuum distillation column to separate the high boiling fraction (C_1) into a high boiling fraction (C_2) and a low boiling fraction (A_2); reusing the low boiling fraction (A_1) and the low boiling fraction (A_2) as part of the reaction starting materials.