

ABSTRACT OF THE DISCLOSURE

There are disclosed an acrylic resin composition obtained by adding a non-crosslinked polymer powder having a bulk density within the range from 0.1 to 0.7 g/ml, an oil absorption based on linseed oil within the range from 60 to 200 ml/100 g and a degree of swelling by methyl methacrylate of 16-fold or more as a thickening agent to acrylic syrup; an acrylic premix obtained by mixing an inorganic filler with this composition; an acrylic premix obtained by extruding constituent components by a kneading extruder (9) to continuously form the mixture; and a method for producing an acrylic artificial marble in which these acrylic premixes are cured.

The acrylic resin composition blended with this thickening agent thickens in a short time, is suitable for high temperature molding, and improves productivity's of an artificial marble and the premix for it.