

Abstract

Provided are: a styrene-based resin composition whose gelation is suppressed, including a hyperbranched ultra-high-molecular-weight copolymer and a linear polymer; and a manufacturing method therefor. Specifically, provided is a method of manufacturing a styrene-based resin composition including a hyperbranched ultra-high-molecular-weight copolymer and a linear polymer, the method including adding, to a monovinyl compound including as an essential component styrene, 50 ppm to 5,000 ppm by weight of a solvent-soluble polyfunctional vinyl copolymer having 2 or more vinyl groups per molecule on average and having a branched structure, followed by causing a polymerization reaction to proceed, to obtain a styrene-based resin composition including: a hyperbranched ultra-high-molecular-weight copolymer produced through polymerization of the solvent-soluble polyfunctional vinyl copolymer and the monovinyl compound; and a linear polymer produced through polymerization of the monovinyl compound.
