POLYMER PARTICLE PRODUCTION METHOD

ABSTRACT

A polymer particle production method (10) is provided. The polymer particle production method (10) includes: providing (12) one or more vinyl monomers; performing (14) free radical ring-opening polymerization (rROP) of cyclic ketene acetal (CKA) with the one or more vinyl monomers in a first organic solvent with a radical source to obtain a rROP reaction mixture; and emulsifying (16) the rROP reaction mixture in a second organic solvent to produce a plurality of polymer particles.

[FIG. 1]