

Abstract

METHOD FOR PRODUCING POLYMER

It is an object of the present invention to provide a method for producing a polymer, which can efficiently remove metal residues of at least lithium and/or titanium from a polymer solution comprising the at least lithium and/or titanium to thereby obtain a refined polymer solution having little metal residue. The method for producing a polymer comprises step 1 of preparing a polymer solution comprising at least lithium and/or titanium; step 2 of adding and mixing water in a volume 0.1 to 20 times the volume of the polymer solution and an acid compound selected from compounds represented by the following formula (1) to the polymer solution to thereby obtain a mixed liquid; and step 3 of removing a water phase from the mixed liquid to thereby obtain a refined polymer solution:

[Formula 1]



wherein R_1 , R_2 and R_3 are each independently a substituent constituted of an element selected from C, H, O and N, and wherein the acid compound comprises 4 or more oxygen atoms in the molecule.