

ABSTRACT

A method for preventing discoloration of a water-absorbent resin made from an unsaturated carboxylic acid as an essential monomer, characterized in that the method comprises adding an aminocarboxylic acid-based metal chelating agent to a system in at least any one of the stages during a preparation process of the water-absorbent resin or to the water-absorbent resin obtained after the preparation; and a method of use of an aminocarboxylic acid-based metal chelating agent for preventing discoloration of an obtainable water-absorbent resin made from an unsaturated carboxylic acid as an essential monomer, characterized in that the method comprises adding an aminocarboxylic acid-based metal chelating agent to a system in at least any one of the stages during a preparation process of the water-absorbent resin or to the water-absorbent resin obtained after the preparation.