

ABSTRACT

A polyvinyl alcohol-based polymer and others are provided. The polyvinyl alcohol-based polymer has an acetal skeleton having an ionic group and satisfies at least one requirement selected from the following (1), (2) and (3): (1) a 4% by mass solution of the polyvinyl alcohol-based polymer in dimethyl sulfoxide has a YI value of 10 or less, (2) a 4% by mass aqueous solution of the polyvinyl alcohol-based polymer has a transparency of 2% or more at 430 nm at 20°C, and (3) the polyvinyl alcohol-based polymer has a water-insoluble fraction of 20% by mass or less.