

Abstract

A PVA excellent in heat resistance and pressure resistance is provided. A polyvinyl alcohol-based polymer, as a saponificated product of a homopolymer composed of a vinyl ester monomer; a copolymer of a vinyl ester monomer and a monofunctional monomer other than the vinyl ester; a copolymer of a vinyl ester monomer and a polyfunctional monomer; or a copolymer of a vinyl ester monomer, a monofunctional monomer other than vinyl ester, wherein the polyvinyl alcohol-based polymer has a slope of 1.2 or less in a double logarithmic plot of storage elastic modulus G' (at 20°C) in an angular frequency region of 1.0 to 10.0 rad/s, in measurement of an aqueous solution of the polyvinyl alcohol-based polymer filtered through a 100-mesh filter (opening: 0.154 mm) and then adjusted to a concentration of 10.0 mass%.