

RESIN COMPOSITION AND HEAT-SHRINKABLE FILM THEREOF

ABSTRACT

[Problem] The objective is to provide a resin composition having as a main ingredient a block copolymer composed of a vinyl aromatic hydrocarbon and a conjugated diene, the resin composition having superior rigidity and strength that allow a heat-shrinkable film to be made thinner, and also having a superior balance of natural shrinkage resistance, low-temperature heat shrinkability, transparency, and other physical properties. [Solution] A resin composition having as a main ingredient a block copolymer composed of at least one type of vinyl aromatic hydrocarbon and a conjugated diene, the resin composition being characterized in that the Vicat softening point temperature measured under a 10-N load as per ISO306 is 65-90 °C, the flexural strength measured as per ISO178 is 58-80 MPa, the proportion of the conjugated diene in the resin composition is 10-25 mass%, and the resin composition has molecular weight peaks, the peaks being derived from the block copolymer composed of the vinyl aromatic hydrocarbon and the conjugated diene, at molecular weights in the ranges of 70,000-150,000 and 150,000-350,000, respectively.

No Figure