

ABSTRACT OF THE DISCLOSURE

A barrier composite film comprises a base film, an anchor coat layer, an inorganic layer such as a silicon oxide layer, and a coating layer containing a silane coupling agent and a barrier resin (e.g. a vinylidene chloride-series copolymer, an ethylene-vinyl alcohol copolymer), the layers being formed on at least one side of the base film in the order of reference.

10 The anchor coat layer can be made of (A) a chlorine-containing resin such as a vinyl chloride-vinyl acetate copolymer, (B) a polyisocyanate compound, and (C) a saturated polyester resin having a glass transition temperature of -10°C to 20°C and being substantially

15 unreactive to the component (B). A heat-sealing layer may be formed on the surface of the coating layer or the other side of the base film. This composite film provided with the inorganic layer can avoid a loss of its adhesive properties and barrier properties even under

20 severe conditions such as retort treatment.

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