

POLYMER COMPOSITE

ABSTRACT

A polymer composite comprises a base material, and a polymer membrane provided on at least a part of the base material, the polymer membrane having at least hydrophilicity, and the polymer composite is used in a state exposed to water or a water-based solvent. The polymer membrane is a resin film formed by photocrosslinking a photosensitive resin composition consisting essentially of a water-soluble polymer, and during crosslinking of the photosensitive resin composition, some of photosensitive groups of the photosensitive resin composition are bound to amino groups fixed to the surface of the base material, whereby the resin film is fixed to the base material.

Figure : None