

Abstract

HYDROGENATED BLOCK COPOLYMER AND POLYPROPYLENE-BASED
RESIN COMPOSITION USING THE SAME AND MOLDED ARTICLE
THEREOF

The present invention provides a hydrogenated block copolymer: having a polymer block (S) containing an aromatic vinyl compound unit as a main constituent; and a polymer block (B) containing a conjugated diene compound unit as a main constituent, in a molecule, in which

a content of the polymer block (S) is 5 to 20% by mass and a content of the polymer block (B) is 80 to 95% by mass, in the hydrogenated block copolymer;

the polymer block (B) contains a polymer block (B1) and a polymer block (B2); an amount of a vinyl bond of the polymer block (B1) before hydrogenation is 30 to 60 mol% and an amount of a vinyl bond of the polymer block (B2) before hydrogenation is more than 60 to 100 mol%;

a content of the polymer block (B1) is 5 to 60% by mass and a content of the polymer block (B2) is 30 to 85% by mass, in the hydrogenated block copolymer;

a content of a structure represented by following Formula (1) in the hydrogenated block copolymer is 40 to 100% by mass; and

a hydrogenation rate of the hydrogenated block copolymer is 70 mol% or more:

(S-B) ... Formula (1)

[wherein, S represents the polymer block (S) and B represents the polymer block (B)].