

Abstract

HYDROGENATED BLOCK COPOLYMER, POLYPROPYLENE RESIN
COMPOSITION, AND MOLDING

The present invention provides a hydrogenated block copolymer containing, in the molecule thereof, a polymer block (C) having a conjugated diene compound as a main component, a polymer block (B) having a conjugated diene compound as a main component, and a polymer block (S) having a vinyl aromatic compound as a main component, wherein: in the hydrogenated block copolymer, a content of the polymer block (C) is 1 to 20 % by mass, a content of the polymer block (B) is 69 to 98 % by mass, and a content of the polymer block (S) is 1 to 15 % by mass; a vinyl bond content before hydrogenation of the polymer block (C) is 1 to 25 mol%, and a vinyl bond content before hydrogenation of the polymer block (B) is 60 to 100 mol%; a degree of hydrogenation of the hydrogenated block copolymer is 80 mol% or more; and a $\tan \delta$ peak obtained by the dynamic viscoelasticity measurement (1 Hz) of the hydrogenated block copolymer is in the range of higher than -45°C and 10°C or lower, a height of the $\tan \delta$ peak is 1.0 or more, and a width at half height of the $\tan \delta$ peak is 20°C or lower.