

RESIN COMPOSITION CONTAINING BLOCK COPOLYMER

ABSTRACT

To provide a resin composition containing a block copolymer of a vinyl aromatic hydrocarbon and a conjugated diene, from which a formed product such as a sheet or a film, having excellent transparency and impact resistance, can be obtained.

A resin composition containing a block copolymer of a vinyl aromatic hydrocarbon and a conjugated diene, which satisfies the following (A) to (D):

(A) the content ratio (mass) of the conjugated diene is from 22 to 32%,

(B) the block ratio of the vinyl aromatic hydrocarbon is from 90 to 98%,

(C) M_w/M_n (wherein M_w is the weight average molecular weight and M_n is the number average molecular weight) is from 1.1 to 1.6 obtained by GPC by differential refractive index method,

(D) the loss tangent ($\tan\delta$) obtained by dynamic viscoelasticity measurement has one local maximum value ($\tan\delta$ (max)) within a temperature range of from -90 to -30°C , and $\tan\delta$ ($\tan\delta$ (max+ 30°C)) at a temperature higher by 30°C than the temperature at the local maximum value ($\tan\delta$ peak temperature) is at least 0.6 relative to $\tan\delta$ ($\tan\delta$ (max)) at the temperature at the local maximum value.

[No available figure]