Claims

[Claim 1]

A block copolymer composition comprising:

a polymer (a) comprising more than 95% by mass and 100% by mass or less of a vinyl aromatic monomer unit and 0% by mass or more and less than 5% by mass of a conjugated diene monomer unit; and

a block copolymer (b) comprising 15% by mass or more and 45% by mass or less of a vinyl aromatic monomer unit and 50% by mass or more and 85% by mass or less of a conjugated diene monomer unit, wherein

a mass ratio of the polymer (a) to the block copolymer (b) satisfies:

(a)/(b) = 70/30 to 30/70.

[Claim 2]

The block copolymer composition according to claim 1, wherein the polymer (a) comprises:

more than 95% by mass and less than 100% by mass of a vinyl aromatic monomer unit and more than 0% by mass and less than 5% by mass of a conjugated diene monomer unit.

[Claim 3]

The block copolymer composition according to claim 1 or 2, wherein a total content of a dimer and trimer each comprising a vinyl aromatic monomer is less than 1000 ppm.

[Claim 4]

The block copolymer composition according to any one of claims 1 to 3, wherein a haze value for 2 mm thickness defined in ISO 14782 is 65% or more and 100% or less.

[Claim 5]

The block copolymer composition according to any one of claims 1 to 4, wherein the block copolymer composition has at least one peak molecular weight in a range of 30000 or more and 180000 or less in a molecular weight distribution curve obtained through a GPC method.

[Claim 6]

The block copolymer composition according to any one of claims 1 to 5, wherein the block copolymer composition has at least one tan δ peak of dynamic viscoelasticity at a temperature in a range of -70°C to -40°C.

[Claim 7]

A molded material comprising the block copolymer composition according to any one of claims 1 to 6.

[Claim 8]

A resin composition comprising:

80% by mass or more and 99% by mass or less of a rubber-modified vinyl aromatic polymer (c); and

1% by mass or more and 20% by mass or less of the block copolymer composition according to any one of claims 1 to 6 or the molded material according to claim 7.

[Claim 9]

A resin composition comprising:

more than 0% by mass and 80% by mass or less of a vinyl aromatic-based polymer (d);

10% by mass or more and 45% by mass or less of a rubber-modified vinyl aromatic polymer (c); and

10% by mass or more and 55% by mass or less of the block copolymer composition according to any one of claims 1 to 6 or the molded material according to claim 7.

[Claim 10]

A molded product comprising the resin composition according to claim 8 or 9.