[Claims]

[Claim 1]

A pressure-sensitive adhesive sheet including a pressure-sensitive adhesive layer, wherein

a pressure-sensitive adhesive strength N1, after the pressure-sensitive adhesive layer is attached to a stainless steel plate (SUS304BA plate) and left at 23°C for 30 minutes, is 1.5 N/20 mm or less,

a pressure-sensitive adhesive strength N2, after the pressure-sensitive adhesive layer is attached to a stainless steel plate (SUS304BA plate) and heated at 80°C for 5 minutes, is 10.0 N/20 mm or more,

the pressure-sensitive adhesive layer has a haze value of 1.0% or less,

the pressure-sensitive adhesive layer includes an acrylic polymer Pa having a glass transition temperature of 0°C or lower as a base polymer,

monomer components for preparation of the acrylic polymer include both an N-vinyl cyclic amide and a hydroxy group-containing monomer as copolymerisable monomer units,

the pressure-sensitive adhesive layer further comprising a siloxane structure-containing polymer Ps, and

a content of the siloxane structure-containing polymer Ps is 0.1 parts by weight or more but less than 10 parts by weight relative to 100 parts by weight of the acrylic polymer Pa.

[Claim 2]

The pressure-sensitive adhesive sheet according to claim 1, wherein a total amount of the N-vinyl cyclic amide and the hydroxy group-containing monomer is 5% by weight or more of a total amount of the monomer components for preparation of the acrylic polymer.

[Claim 3]

The pressure-sensitive adhesive sheet according to claim 1 or 2, wherein the pressure-sensitive adhesive layer has a thickness of 5 μm or more but 35 μm or less.

[Claim 4]

The pressure-sensitive adhesive sheet according to any one of claims 1 to 3, wherein the pressure-sensitive adhesive layer contains a monomer unit derived from a (meth) acrylic monomer at a proportion of above 50% by weight in total monomer units in the pressure-sensitive adhesive layer.

[Claim 5]

The pressure-sensitive adhesive sheet according to any one of claims 1 to 4, wherein the pressure-sensitive adhesive layer contains a monomer unit derived from a monomer having

a polyorganosiloxane skeleton at a proportion of 0.05% by weight or more but 5% by weight or less in total monomer units in the pressure-sensitive adhesive layer.

[Claim 6]

The pressure-sensitive adhesive sheet according to any one of claims 1 to 5, wherein the siloxane structure-containing polymer Ps has a weight average molecular weight of 1×10^4 or more but less than 5×10^4.

[Claim 7]

The pressure-sensitive adhesive sheet according to any one of claims 1 to 6, comprising a support substrate and the pressure-sensitive adhesive layer is laminated on at least one surface of the support substrate.

[Claim 8]

The pressure-sensitive adhesive sheet according to claim 7, wherein the support substrate is a transparent resin film.

[Claim 9]

The pressure-sensitive adhesive sheet according to any one of claims 1 to 8, wherein the pressure-sensitive adhesive strength N2 is 20 times or more of the pressure-sensitive adhesive strength N1.