Claims

[Claim 1]

A wrap film which has a tensile strength of 100 MPa or larger, a tensile elongation of 100% or less, and a tensile modulus of 280 MPa or larger in the transverse direction (TD),

which has a tensile modulus of 380 MPa or larger in the machine direction (MD),

which contains a polyvinylidene chloride resin composition,

and which is a polyvinylidene chloride resin wrap film obtained by drawing the polyvinylidene chloride resin composition in the MD direction and the TD direction,

and wherein draw ratio in the MD direction is larger than 3.4 and 4.0 or less, and draw ratio in the TD direction is 5.8 or more and 8.5 or less.

[Claim 2]

The wrap film according to claim 1, wherein the wrap film has a crystal long period of 12.5 nm or smaller.

[Claim 3]

The wrap film according to claim 1 or 2, wherein as for a thermal shrinkage at 120°C measured in conformity with ASTM D-2732, the thermal shrinkage in the machine direction (MD) is 4 to 30%, and a ratio of the thermal shrinkage in the machine direction (MD) to the thermal

shrinkage in the transverse direction (TD) (MD/TD) is 2 or less.

[Claim 4]

The wrap film according to any one of claims 1 to 3, wherein the wrap film has a network structure that is observed in an atomic force microscope phase image on the surface of at least one layer, wherein a network of the network structure is constituted by fibrils, and an average width of the fibrils observed in the network structure is 145 nm or smaller.

[Claim 5]

The wrap film according to any one of claims 1 to 4, wherein the wrap film has an oxygen transmission rate equal to or lower than 110 $cm^3/m^2 \cdot day \cdot atm$ at 23°C, and a water vapor transmission rate equal to or lower than 20 $g/m^2 \cdot day$ at 38°C and 90% RH.

[Claim 6]

The wrap film according to any one of claims 1 to 5, wherein the wrap film has a thickness of 5 to 15 μm.

[Claim 7]

The wrap film according to any one of claims 1 to 6, wherein the wrap film comprises a copolymer containing 85 to 97% by mass of a vinylidene chloride monomer and 15 to 3% by mass of a vinyl chloride monomer.

[Claim 8]

A method for producing the wrap film according to any one of claims 1 to 7, comprising a step of drawing an

undrawn sheet in the machine direction and the transverse direction, wherein a draw ratio in the machine direction is 4.0 or less, and a draw ratio in the transverse direction is 5.8 or more.

[Claim 9]

A roll comprising the wrap film according to any one of claims 1 to 7 wound around a core.