[CLAIMS]

~~[Claim 1]~~

~~A packaging material used for a bag for transporting of a silicon material,~~

~~wherein the packaging material is a laminate in which a first resin base layer, a barrier layer, a second resin base layer, a resin layer, and a sealant layer are laminated in that order,~~

~~wherein an indentation elastic modulus (MPa) of the resin layer is smaller than an indentation elastic modulus (MPa) of each of the first resin base layer and the second resin base layer by one or more orders of magnitude,~~

~~wherein an indentation elastic modulus (MPa) of the sealant layer is smaller than an indentation elastic modulus (MPa) of the first resin base layer and an indentation elastic modulus (MPa) of the second resin base layer by one or more orders of magnitude, and~~

~~wherein a difference between the indentation elastic modulus (MPa) of the first resin base layer and the indentation elastic modulus (MPa) of the second resin base layer is smaller than a difference between the indentation elastic modulus (MPa) of the second resin base layer and the indentation elastic modulus (MPa) of the resin layer.~~

~~[Claim 2]~~

~~The packaging material according to claim 1,~~

~~wherein a difference between the indentation elastic~~

~~modulus (MPa) of the first resin base layer and the indentation elastic modulus (MPa) of the second resin base layer is smaller than a difference between the indentation elastic modulus (MPa) of the second resin base layer and the indentation elastic modulus (MPa) of the resin layer by one or more orders of magnitude.~~

~~[Claim 3]~~

~~The packaging material according to claim 1 or 2~~

~~wherein a difference between the indentation elastic modulus (MPa) of the first resin base layer and the indentation elastic modulus (MPa) of the second resin base layer is 800 MPa or less.~~

~~[Claim 4]~~

~~The packaging material according to any one of claims 1 to 3,~~

~~wherein the indentation elastic modulus of a resin material constituting the first resin base layer and the second resin base layer is in a range of 1,500 MPa to 3,500 MPa.~~

~~[Claim 5]~~

~~The packaging material according to any one of claims 1 to 4,~~

~~wherein the indentation elastic modulus of the material constituting the sealant layer is in a range of 300 MPa to 500 MPa.~~

~~[Claim 6]~~

~~The packaging material according to any one of claims 1 to 5,~~

~~wherein the resin layer is composed of polyethylene.~~

~~[Claim 7]~~

~~The packaging material according to any one of claims 1 to 5,~~

~~wherein the indentation elastic modulus (MPa) of the resin layer is smaller than the indentation elastic modulus (MPa) of each of the first resin base layer and the second resin base layer by two or more orders of magnitude.~~

~~[Claim 8]~~

~~The packaging material according to claim 7,~~

~~wherein the resin layer is composed of a two component urethane resin adhesive.~~

~~[Claim 9]~~

~~The packaging material according to any one of claims 1 to 8,~~

~~wherein the first resin base layer and the second resin base layer are composed of the same resin material.~~

~~[Claim 10]~~

~~The packaging material according to any one of claims 1 to 9,~~

~~wherein the thickness of the resin layer is 1 μm to 5 μm.~~

~~[Claim 11]~~

~~The packaging material according to any one of claims 1 to 10,~~

~~wherein a resin material constituting the first resin base layer and a resin material constituting the second resin base layer are a polyester resin or a polyamide resin.~~

~~[Claim 12]~~

~~The packaging material according to claim 11,~~

~~wherein a resin material constituting the first resin base layer and a resin material constituting the second resin base layer are a polyester resin.~~

~~[Claim 13]~~

~~The packaging material according to any one of claims 1 to 12,~~

~~wherein the barrier layer has transparency.~~

~~[Claim 14]~~

~~The packaging material according to any one of claims 1 to 13,~~

~~wherein the barrier layer contains silica or alumina.~~

~~[Claim 15]~~

~~A bag for transporting of a silicon material,~~

~~wherein the bag for transporting of a silicon material is composed of the packaging material according to any one of claims 1 to 14, and~~

~~wherein the sealant layer is positioned inside the bag for transporting of a silicon material.~~

~~[Claim 16]~~

~~A package of a silicon material, comprising:~~

~~the bag for transporting of a silicon material according~~

~~to claim 15; and~~

~~a silicon material that is accommodated in the bag for transporting of a silicon material.~~

~~[Claim 17]~~

~~A bag for transporting of a silicon material, comprising:~~

~~a first bag; and~~

~~a second bag that is arranged in the first bag,~~

~~wherein a packaging material constituting the second bag has a barrier layer.~~

~~[Claim 18]~~

~~The bag for transporting of a silicon material according to claim 17,~~

~~wherein the barrier layer contains silica or alumina.~~

~~[Claim 19]~~

~~The bag for transporting of a silicon material according to claim 17 or 18,~~

~~wherein a packaging material constituting the second bag is a laminated material including a resin base layer, the barrier layer, and a sealant layer in that order, and~~

~~wherein the sealant layer is positioned inside the second bag.~~

~~[Claim 20]~~

~~The bag for transporting of a silicon material according to claim 19,~~

~~wherein the resin base layer is composed of a polyester resin or a polyamide resin.~~

~~[Claim 21]~~

~~The bag for transporting of a silicon material according to claim 19 or 20,~~

~~wherein a packaging material constituting the second bag is a laminated material that further includes an adhesive layer positioned between the resin base layer and the barrier layer.~~

~~[Claim 22]~~

~~The bag for transporting of a silicon material according to any one of claims 19 to 21,~~

~~wherein a packaging material constituting the second bag is a laminated material that further includes a resin layer containing a polyester resin positioned between the barrier layer and the sealant layer.~~

~~[Claim 23]~~

~~The bag for transporting of a silicon material according to claim 17 or 18,~~

~~wherein a packaging material constituting the second bag is a laminated material including a resin base layer, the barrier layer, a resin layer, and a sealant layer in that order,~~

~~wherein the resin base layer and the resin layer contain the same resin, and~~

~~wherein the sealant layer is positioned inside the second bag.~~

~~[Claim 24]~~

~~The bag for transporting of a silicon material according to any one of claims 17 to 23,~~

~~wherein a packaging material constituting the second bag is transparent.~~

~~[Claim 25]~~

~~The bag for transporting of a silicon material according to any one of claims 17 to 24,~~

~~wherein a packaging material constituting the first bag is a laminated material including a resin base layer containing a polyester resin and a sealant layer in that order, and~~

~~wherein the sealant layer is positioned inside the first bag.~~

~~[Claim 26]~~

~~The bag for transporting of a silicon material according to claim 24 or 25,~~

~~wherein a packaging material constituting the first bag is composed of a laminated material that does not contain a barrier layer.~~

~~[Claim 27]~~

~~The bag for transporting of a silicon material according to any one of claims 24 to 26,~~

~~wherein a packaging material constituting the first bag is composed of a laminated material that does not contain a polyamide resin.~~

~~[Claim 28]~~

~~The bag for transporting of a silicon material according to any one of claims 24 to 27,~~

~~wherein the thickness of the resin base layer of the packaging material constituting the first bag is 8 μm to 30 μm.~~

~~[Claim 29]~~

~~A package of a silicon material, comprising:~~

~~the bag for transporting of a silicon material according to any one of claims 17 to 28; and~~

~~a silicon material that is accommodated in the second bag of the bag for transporting of a silicon material.~~

[Claim ~~30~~ 1]

A sealant used in a package for transporting of a silicon material, comprising

a sealant base having a first surface and a second surface that faces the first surface,

wherein the sealant base includes a first part including the first surface and a second part positioned closer to the second surface than the first part,

wherein the first part contains low density polyethylene (LDPE), and

wherein the second part contains linear low density polyethylene (LLDPE).

[Claim ~~31~~ 2]

The sealant according to claim ~~30~~ 1,

wherein the second part further contains low density

polyethylene (LDPE).

[Claim ~~32~~ 3]

The sealant according to claim ~~30~~ 1 or ~~31~~ 2,

wherein the sealant base further includes a third part positioned closer to the second surface than the second part, and

wherein the third part contains low density polyethylene (LDPE).

[Claim ~~33~~ 4]

The sealant according to any one of claims ~~30~~ 1 to ~~32~~ 3,

wherein the sealant base is a laminated structure having at least a first layer including the first part and a second layer including the second part.

[Claim ~~34~~ 5]

The sealant according to any one of claims ~~30~~ 1 to ~~32~~ 3,

wherein the sealant base is a single-layer structure having at least the first part and the second part.

[Claim ~~35~~ 6]

The sealant according to claim ~~34~~ 5,

wherein the first part is rich in low density polyethylene (LDPE).

[Claim ~~36~~ 7]

The sealant according to any one of claims ~~30~~ 1 to ~~35~~ 6,

wherein the thickness of the second part is thicker than the thickness of the first part.

[Claim ~~37~~ 8]

The sealant according to any one of claims ~~30~~ 1 to ~~36~~ 7,

wherein the low density polyethylene (LDPE) contained in the first part is low density polyethylene to which substantially no slip agent is added.

[Claim ~~38~~ 9]

The sealant according to any one of claims ~~30~~ 1 to ~~37~~ 8,

wherein the linear low density polyethylene (LLDPE) contained in the second part is linear low density polyethylene to which substantially no slip agent is added.

[Claim ~~39~~ 10]

A packaging material, comprising:

a base composed of a resin material; and

the sealant according to any one of claims ~~30~~ 1 to ~~38~~ 9, which is provided on one side of the base,

wherein the sealant is provided so that the second surface is brought into contact with one side of the base.

[Claim ~~40~~ 11]

The packaging material according to claim ~~39~~ 10, further comprising

a gas barrier layer that is provided on the other side of the base.

[Claim ~~41~~ 12]

A package for transporting of a silicon material, which is composed of the packaging material according to claim ~~39~~ 10 or ~~40~~ 11.

[Claim ~~42~~ 13]

A package of a silicon material, comprising:

the package for transporting of a silicon material according to claim ~~41~~ 12; and

a silicon material that is accommodated in the package for transporting of a silicon material.