CLAIMS

[Claim 1]

A composite pigment comprising extender pigment particles fixed to an inorganic compound and/or organic compound, wherein a diameter on cumulative 50% (D50) in a volume cumulative distribution measured by a laser diffraction/scattering-type particle size distribution measuring apparatus is 1 μm or more to 15 μm or less.

[Claim 2]

A composite pigment, wherein a part of the extender pigment particles set forth in claim 1 is replaced with inorganic color pigment particles.

[Claim 3]

A composite pigment, wherein the numbers of the extender pigment particles and the inorganic color pigment particles set forth in claim 2 are each 2 or more.

[Claim 4]

The composite pigment according to claim 2 or 3, wherein a diameter on cumulative 90% (D90) in a volume cumulative distribution measured by a laser diffraction/scattering-type particle size distribution measuring apparatus is 30 μm or less.

[Claim 5]

The composite pigment according to any one of claims 2 to 4, wherein a diameter on cumulative 50% (D50) in the volume cumulative distribution measured by the laser diffraction/scattering-type particle size distribution measuring apparatus is 1 μm or more and 10 μm or less.

[Claim 6]

The composite pigment according to any one of claims 1 to 5, wherein the extender pigment is calcium carbonate and/or barium sulfate.

[Claim 7]

The composite pigment according to any one of claims 1 to 6, wherein the inorganic compound is an inorganic silicon compound.

[Claim 8]

The composite pigment according to any one of claims 2 to 7, wherein the inorganic color pigment particles contain a zinc element.

[Claim 9]

The composite pigment according to any one of claims 2 to 8, wherein an abundance ratio of the composite pigment having a particle diameter of 2 μm or more in the

volume cumulative distribution measured by the laser diffraction/scattering-type particle size distribution measuring apparatus is 70% or more based on the total amount of the composite pigment.

[Claim 10]

The composite pigment according to any one of claims 2 to 9, wherein the inorganic color pigment particles are a titanium dioxide pigment.

[Claim 11]

The composite pigment according to any one of claims 2 to 10, further comprising an inorganic compound and/or organic compound for surface treatment on a surface of the composite pigment.

[Claim 12]

A matting pigment comprising the composite pigment set forth in any one of claims 1 to 11.

[Claim 13]

A method for producing a composite pigment according to claim 1, comprising adjusting a pH of a slurry containing an inorganic compound source and extender pigment particles so that an inorganic compound derived from the inorganic compound source is precipitated to fix the extender pigment particles.

[Claim 14]

A method for producing a composite pigment according to claim 2, comprising preparing a slurry containing inorganic color pigment particles, extender pigment particles, and an inorganic compound source and/or an organic compound, and fixing, under stirring, the inorganic color pigment particles and the extender pigment particles with the inorganic compound and/or organic compound.

[Claim 15]

A method for producing a composite pigment according to claim 2, comprising preparing a slurry containing inorganic color pigment particles containing a zinc element, extender pigment particles, and an inorganic compound source, and adjusting a pH of the slurry so that an inorganic compound derived from the inorganic compound source is precipitated to fix the inorganic color pigment particles and the extender pigment particles.

[Claim 16]

A paint composition comprising the composite pigment set forth in any one of claims 1 to 11, and/or the matting pigment set forth in claim 12, and a resin.

[Claim 17]

The paint composition according to claim 16, comprising a dispersant having an amine value.

[Claim 18]

A paint film comprising the paint composition set forth in claim 16 or 17.