Claims

Claim 1

An amorphous silica-titania composite oxide powder which is powder untreated with a surface treatment agent and consisting of amorphous silica-titania composite oxide particles,

wherein:

a refractive index of the particles as measured by immersion method at a measurement wavelength of 589 nm is not less than 1.46;

a volume-based cumulative 50% diameter as measured by laser diffractometry is in a range of 0.1 μm to 2.0 μm; and

a content of particles having a particle size of not less than 5.0 μm is not more than 10 ppm as measured by Coulter counter method, and

wherein, in a case where the silica-titania composite oxide powder is dried in an atmospheric air at 110°C for 12 hours, and powder thus dried is stored for 24 hours under conditions of a temperature of 25°C and a relative humidity of 85% so as to absorb moisture, a water absorption rate is not more than 0.8% by mass as calculated from a change in mass in accordance with the following formula:

water absorption rate = (Y-X)/X × 100

where X is a mass before moisture absorption, and Y is

a mass after the moisture absorption;

wherein the amorphous silica-titania composite oxide powder, including:

a core consisting of a silica-titania composite oxide; and

a silica coating layer consisting of silica.

Claim 2

A surface-treated amorphous silica-titania composite oxide powder in which the amorphous silica-titania composite oxide powder recited in claim 1 has been treated with a surface treatment agent.

Claim 3

A resin composition, comprising:

the amorphous silica-titania composite oxide powder recited in any one of claims 1 through 2; and

a resin.

Claim 4

A dispersion liquid in which the amorphous silica-titania composite oxide powder recited in any one of claims 1 through 2 is dispersed in a solvent.