[CLAIMS]

[Claim 1]

A phosphor sheet containing a phosphor, ~~and~~ a resin, and silicone fine particles wherein the content of the phosphor is 53 weight% or more of the entire sheet.

[Claim 2]

The phosphor sheet according to claim 1, wherein the content of the phosphor is 57 weight% or more of the entire sheet.

[Claim 3]

The phosphor sheet according to claim 1, wherein the content of the phosphor is 60 weight% or more of the entire sheet.

[Claim 4]

The phosphor sheet according to any one of claims 1 to 3, wherein the thickness of the sheet is 200 μm or less.

[Claim 5]

The phosphor sheet according to any one of claims 1 to 3, wherein the thickness of the sheet is 100 μm or less.

[Claim 6]

The phosphor sheet according to any one of claims 1 to 5, wherein the resin is a silicone resin.

[Claim 7]

The phosphor sheet according to any one of claims 1 to 6, wherein the phosphor is an inorganic phosphor.

~~[Claim 8]~~

~~A phosphor sheet containing at least a silicone resin, a phosphor and silicone fine particles.~~

[Claim ~~9~~8]

~~The~~ A phosphor sheet ~~according to claim 8,~~ containing at least a silicone resin, a phosphor and silicone fine particles, wherein an average particle size of the silicone fine particles is 0.01 μm or more and 2 μm or less.

[Claim ~~10~~9]

~~The~~ A phosphor sheet ~~according to claim 8 or 9,~~ containing at least a silicone resin, a phosphor and silicone fine particles, wherein the content of the silicone fine particles is 1 part by weight or more and 20 parts by weight or less with respect to 100 parts by weight of the silicone resin.

[Claim ~~11~~10]

~~The~~ A phosphor sheet ~~according to any one of claims 8 to 10,~~ containing at least silicone resin, a phosphor and silicone fine particles, wherein the silicone fine particles are made of a silicone resin obtained by condensing organosilane.

[Claim ~~12~~11]

~~The~~ A phosphor sheet ~~according to any one of claims 8 to 11,~~ containing at least a silicone resin, a phosphor and silicone fine particles, wherein a difference between a refractive index d1 of the silicone fine particles and a refractive index d2 of the silicone resin is smaller than plus or minus 0.10.

[Claim ~~13~~12]

The phosphor sheet according to any one of claims 1 to

~~12~~11, wherein the phosphor is particulate and an average particle size of the phosphor particles is 1 μm or more and 20 μm or less.

[Claim ~~14~~13]

The phosphor sheet according to any one of claims 6 and 8 to ~~13~~12, wherein the silicone resin is an addition cure silicone resin formed by hydrosilylation of a compound containing at least an alkenyl group bound to a silicon atom with a compound containing a hydrogen atom bound to a silicon atom.

[Claim ~~15~~14]

The phosphor sheet according to any one of claims 1 to ~~14~~13, which is used for covering the surface of an LED.

[Claim ~~16~~15]

A cured product obtained by curing the phosphor sheet according to any one of claims 1 to ~~15~~14.

[Claim ~~17~~16]

An LED having the phosphor sheet according to any one of claims 1 to ~~15~~14 or a cured product thereof.

[Claim ~~18~~17]

A method for manufacturing an LED comprising a step of bonding the phosphor sheet according to any one of claims 1 to ~~15~~14 to an LED chip.

[Claim ~~19~~18]

A method for manufacturing an LED comprising a step of

bonding the phosphor sheet according to any one of claims 1 to ~~15~~ 14 to an LED chip; and a step of curing the phosphor sheet. [Claim ~~20~~19]

A light emitting device comprising the LED according to claim ~~17~~18.