

## Abstract

Provided are a nano silver particle spherical aggregate in which spherical nano silver particles are spherically aggregated, and a silver particle spherical aggregate obtained by subjecting the nano silver particle spherical aggregate to heat treatment. Both silver particle spherical aggregates can be suitably used as a conductive filler, can be subjected to disintegration treatment to produce spherical silver particles, have excellent dispersibility and excellent handleability, and further, can be produced by a simple method. A nano silver particle spherical aggregate in which spherical nano silver particles having a BET diameter of 20 nm or more and 100 nm or less are aggregated, wherein the nano silver particle spherical aggregate has a value of [D50% particle size measured by laser diffraction particle size measurement method]/[BET diameter] of 10 or more.

[Fig. 1]