



Conductive Nickel Particles

PRODUCT DATA SHEET

Conductive Nickel Particles

Description

Conductive Nickel Particles is a composite material, with monodisperse resin polymer Particles core inside and a nickel layer outside. This unique structure endows Conductive Nickel Particles with excellent conductivity and outstanding mechanical strength. The nickel metal layer provides good electrical conductivity, the resin material of the core enhances the mechanical properties of the sphere, allowing it to maintain a stable structure even under mechanical pressure and external impact. Conductive Nickel Particles have the characteristics of light weight, uniform particle size, and good dispersion, which can provide stable performance in complex environments. Conductive Nickel Particles also have excellent corrosion resistance and wear resistance, which can effectively prevent static electricity accumulation and ensure the safe operation of equipment. This material is widely used in fields such as signal transmission, conductive coatings, composite materials, and catalyst carriers. Conductive Nickel Particles play an important role in high-frequency circuits, LCD display assembly, electronic components, batteries, and capacitors. Due to its stable conductivity and excellent mechanical properties, Conductive Nickel Particles have become an important material in modern electronic devices.

Abvigen Inc can provide high-quality Conductive Nickel Particles with various particle sizes. This product has high-resolution particle size distribution, good chemical stability, and good mechanical strength, which can meet various personalized material needs such as customer research and development, testing, and production consumption.

For custom sizes, formulations or bulk quantities please contact our customer service department.

Website: www.abvigen.com **Phone:** +1 929-202-3014 **Email:** info@abvigenus.com



Characteristics

Size: 5 g

Diameter: 1.5 μ m - 35 μ m

Shape: Spherical

Composition: Conductive Nickel Particles

Standard deviation: ≤ 3.5 %

Store: Storage at 2 - 8 °C

Storage

This product should be stored at 4°C. **DO NOT FREEZE.**

Advantage

Uniform particle size

Excellent conductivity

Good dispersibility

Stable chemical properties

Good wear resistance performance

Applications

Electronic component

Antioxidant protection

Electromagnetic shielding

Microcircuit connection

Ordering Information

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