

Silver Nanoparticles (Ag, 99.99%, 20nm, metal basis)

Stock#: US1038

Please click [here](#) for price information.

Details:

Silver Nanopowder (Ag, metal basis)

True density: 10.5 g/cm³

Purity: 99.99%

APS: 20 nm

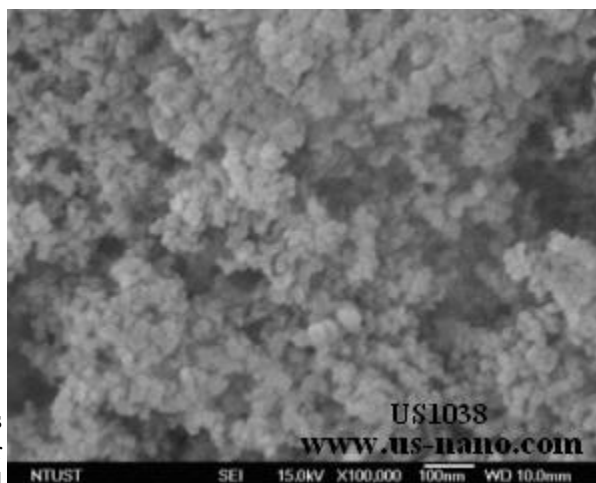
SSA: ~18-22 m²/g

Color: black

Morphology: spherical

Application:

pharmaceutical antibacterial, disinfectant; some of countries for anti-AIDS drugs, mixed with zinc oxide powder for disinfection; chemical catalyst. Also, antiviral antibacterial material: 0.1% silver nanoparticle, the inorganic antibacterial powder, can play an important role in the suppression and killing of dozens of pathogenic microorganisms such as Escherichia coli, Staphylococcus aureus, such as. As a new anti-infective product which has broad-spectrum, non-resistance, free from the pH effects, antibacterial, durable, non-oxidized black and many other properties, it can be widely used in medical, household fabrics and health care supplies. Add Nano Ni, Ag powder antibacterial, anti-corrosion coating paint can also be used successfully in the construction and the preservation of relics. Manufacturers produce household items that utilize the antibacterial properties of silver nanoparticles. These products include nano-silver lined refrigerators, air conditioners and washing machines. Other current applications: Toys, Baby pacifiers, Clothing, Food storage containers, Face masks, HEPA filters, Laundry detergent. Conductive slurry: Widely used for wiring, encapsulation and connection in microelectronic industry, it plays an important role in the minimization of electronic devices and circuits. Efficacious catalyst: Greatly enhance the chemical reaction speed and efficiency, such as Ethylene oxidation. Biological pharmacy: The silver nanopowder can be used in the cell dyeing and the gene diagnosis.



[X-ray](#)
[MSDS](#)

Certificate of Analysis -ppm				
Cu	Bi	Fe	Pb	Sb
10	1	3	3	2

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