Silver Nano Dispersion

The diverse applications of silver dispersion nanoparticles are due to their characteristic properties of magnetic and optical polarization, catalysis, electrical conductivity, antimicrobial properties, DNA sequencing and surface-enhanced Raman scattering.

Properties

- Excellent chemical stability
- Large specific surface area
- Antimicrobial resistance
- Unique optical, electrical, and thermal characteristics
- Excellent conductivity

Quick Facts

- Purity: 99.99%
- APS: 150nm
- Concentration: Customer requirement
- Dispersing Agent: Organic Solvent (DMF), IPA, Ethanol, Water (ddH2O)
- Form: Slurry, Suspension, Dispersion, Colloidal

Applications

- Anti bacterial gel, lotion, wound dressing
- Antimicrobial coating
- Sensors
- Food industry
- Thin film electronics
- Solar cell, catalysts
- Conductive ink, paste filter