

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 (ddH ₂ O)
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



Silver Nano DISPERSION

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