

SILVER

Nanowire Polymer

NS6130-03-000306

Quick Facts

Product	:	Silver Nanowire Polymer
Stock No	:	NS6130-03-000306
CAS	:	7440-22-4
Purity	:	99.9%
Form	:	Liquid (suspension)

Technical Specification

Diameter	Length
30nm	Up to 200µm

Silver nanowires (AgNWs) are highly promising for advanced technologies due to their excellent optical transparency, high electrical conductivity, low resistivity, smooth surface, and outstanding mechanical flexibility. Their plasmonic properties further enable applications in photonic devices. AgNWs play a crucial role in next-generation flexible electronics and are widely used as conductive components in optoelectronic devices such as touch panels, flexible displays, solar cells, OLEDs, sensors, transparent heaters, electromagnetic shielding, and wearable electronics.

Applications

- Optical industries
- Conductive applications.
- Antibacterial applications
- Optical applications

