TECHNICAL DATA SHEET

Technical Data Sheet: Silver Nanowires 30nm OD

Product code: Silver Nanowires 30nm OD

Revision 2026-11

Description

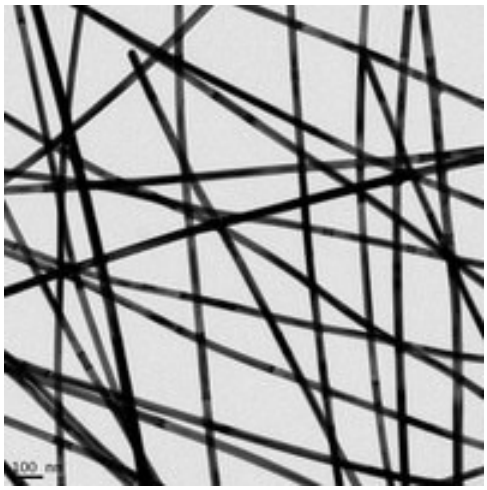
Silver nanowires (AgNW) of about 30nm diameter and 9-15um length, made by a solvothermal reduction method and supplied as a dispersion in isopropanol (IPA).

Specifications

Property	Value
Outer diameter	25-35nm
Length	9-15um
Purity	>80% nanowires (optical microscopy)
Concentration	1.2-1.8 wt% Ag
Solvent	Isopropanol (IPA)
Form supplied	Dispersion in IPA

Characterization

Representative TEM image of this grade is shown below. A representative Certificate of Analysis is available.



TEM, representative

Applications

Our silver nanowires are used in transparent conductive films, flexible and printed electronics, touch panels and displays, and conductive inks and pastes.

Storage and Handling

Store sealed at room temperature away from light; do not freeze; shake gently before use; see SDS.

Documentation

Representative data provided. A representative Certificate of Analysis is available. Safety Data Sheet at cheaptubes.com/nanomaterial-msds-safety-sheets.

Application results depend on formulation, equipment and process conditions; confirm with your own trials. Specifications reflect the product page at cheaptubes.com as of November 2026.