

## Specification Sheet

### Silver Nanowire Transparent Conductor

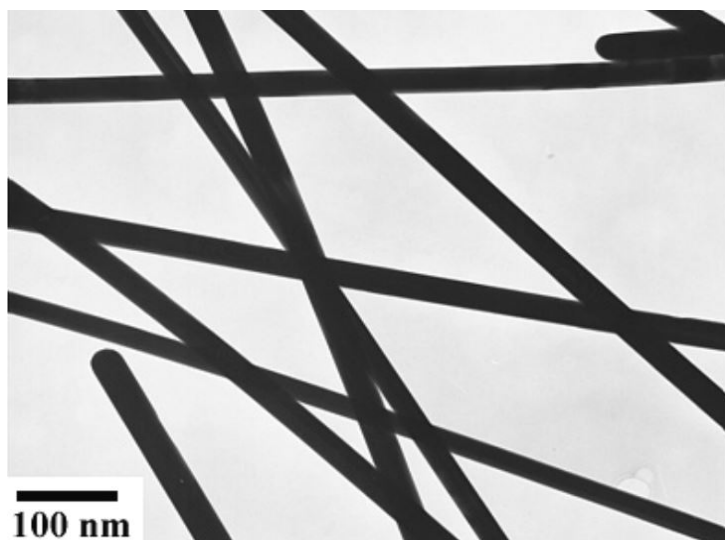
(Ag, Purity: 99.9%, Dia: 80nm, length: 40 $\mu$ m)

Stock No: NS6130-12-000309, CAS: 7440-22-4

<b>Product</b>	:	<b>Silver Nanowire Transparent Conductor</b>
Stock No	:	NS6130-12-000309
CAS	:	7440-22-4
Purity	:	99.9%
Diameter	:	80nm
Length	:	40 $\mu$ m
Molecular Formula	:	Ag
Molecular Weight	:	107.87g/mol
Form	:	Wire
Color	:	Grey
Density	:	0.785 g/mL
Typical Concentration	:	1 -2Wt %
Particle Surface	:	PVP
Coefficient of Variation	:	51%
Standard Deviation	:	10%
Thermal Expansion	:	18.9 $\mu$ m•m-1•K-1 (25 °C)
Solvet	:	Ethanol, Water, Isopropyl Alcohol
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Note:** Product Specification are subject to amendment and may change over time

## Characterization of Silver Nanowire Transparent Conductor



TEM - Silver Nanowire Transparent Conductor



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Creating Miracles in Black