

## Specification Sheet

### Titanium Nitride Nanoparticle

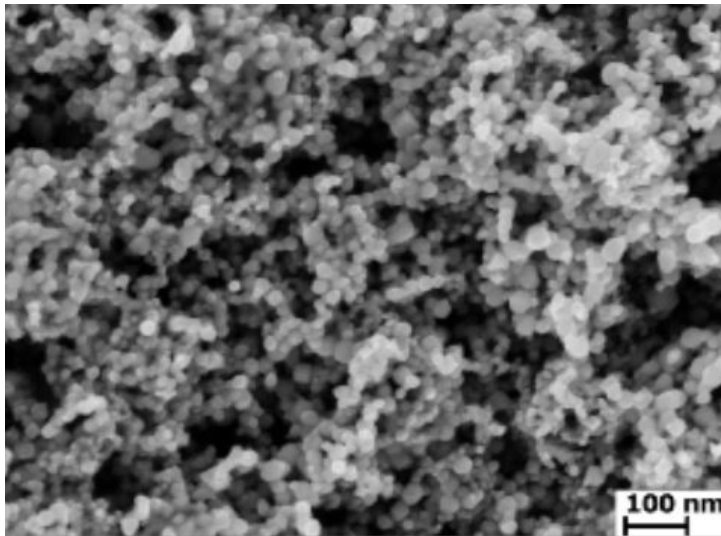
(TiN, Purity: 99.9%, APS: 40-50nm)

Stock No: NS6130-02-259, CAS: 25583-20-4

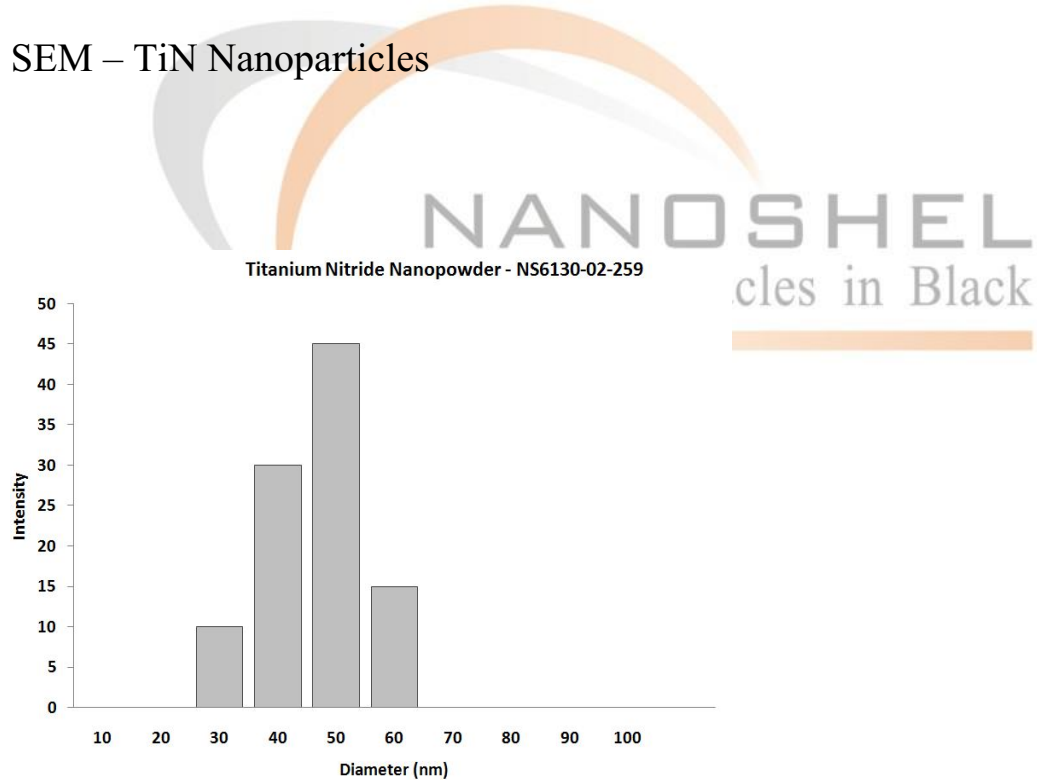
<b>Product</b>	:	<b>Titanium Nitride Nanoparticles</b>
Stock No.	:	NS6130-02-259
CAS	:	25583-20-4
APS	:	40-50nm
Purity	:	99.9 %
Molecular Weight	:	61.874 g/mol
Form	:	Powder
Color	:	Black - Brown
Density	:	5.24 g/cm <sup>3</sup>
Melting Point	:	2930 °C
Thermal Conductivity	:	19.2 w/(m°C)
Solubility	:	Insoluble in water
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

## Characterization of Titanium Nitride Nanoparticle



SEM – TiN Nanoparticles



Titanium Nitride Powder – Size Analysis