

## Specification Sheet

Titanium Carbo-Nitride Nanopowder

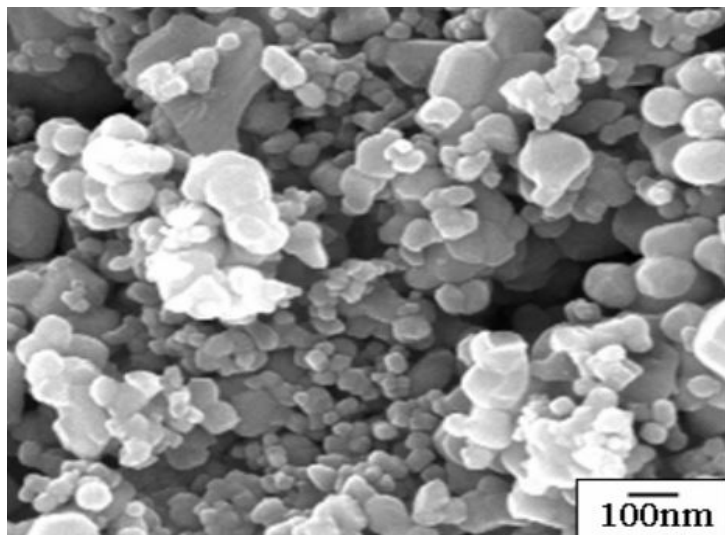
(Ti<sub>2</sub>CN , Purity: 99.9%, APS: 20nm)

Stock No: NS6130-02-263, CAS: 12654-86-3

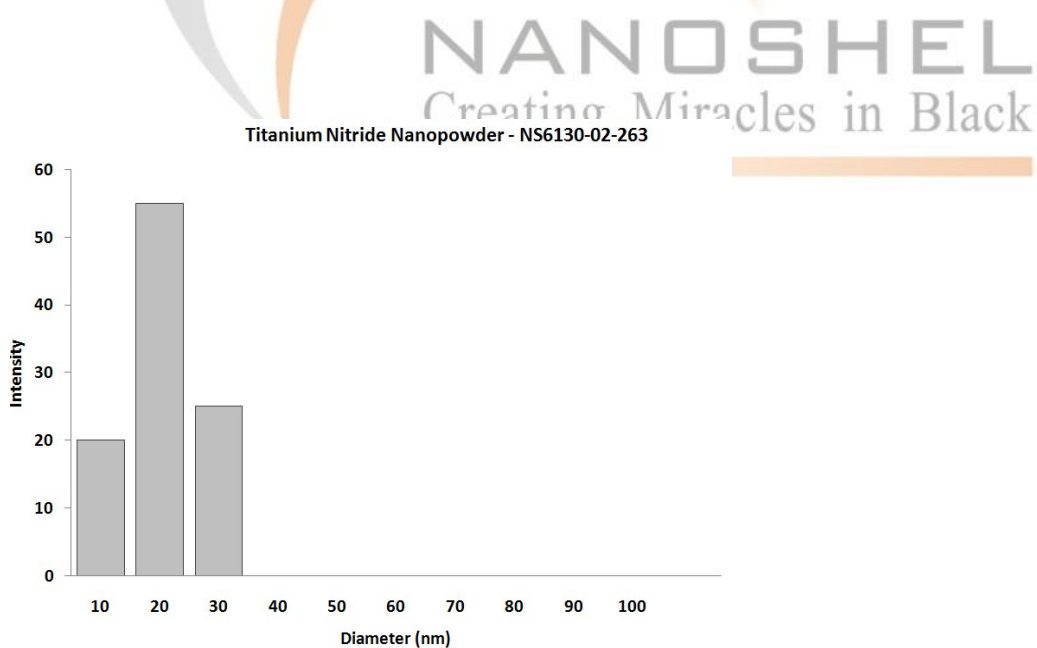
<b>Product</b>	:	<b>Titanium Carbo-Nitride Nanopowder</b>
Stock No.	:	NS6130-02-263
CAS	:	12654-86-3
APS	:	20nm
Purity	:	99.9 %
Molecular Formula	:	Ti <sub>2</sub> CN
Molecular Weight	:	121.75g/mol
Form	:	Powder
Color	:	Black Gray
Density	:	5.08 g/ml
Bulk Density	:	0.23 g/gm
Melting Point	:	>350°C
Solubility	:	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 Carbo-Nitride Nanopowder



SEM - Titanium Carbo-Nitride Nanopowder



Particles Size Analysis -  $Ti_2CN$  Nanoparticles