

Specification Sheet

Titanium Carbonitride Nanopowder

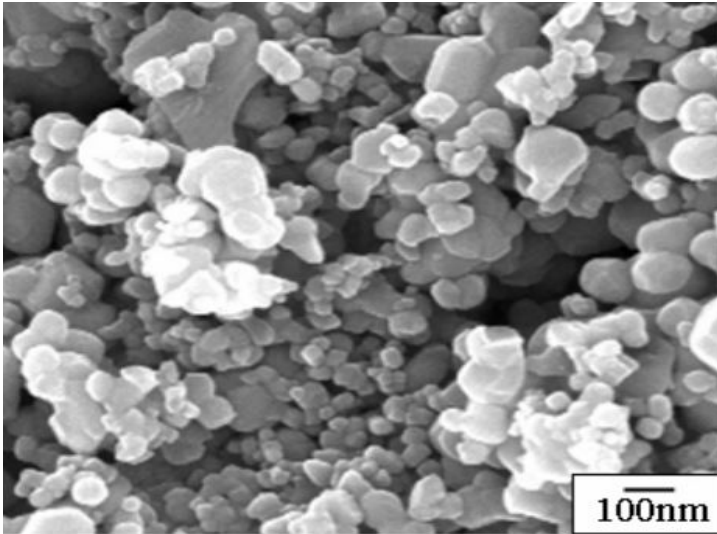
(Ti₂CN , Purity: 99.9%, APS: 20nm)

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

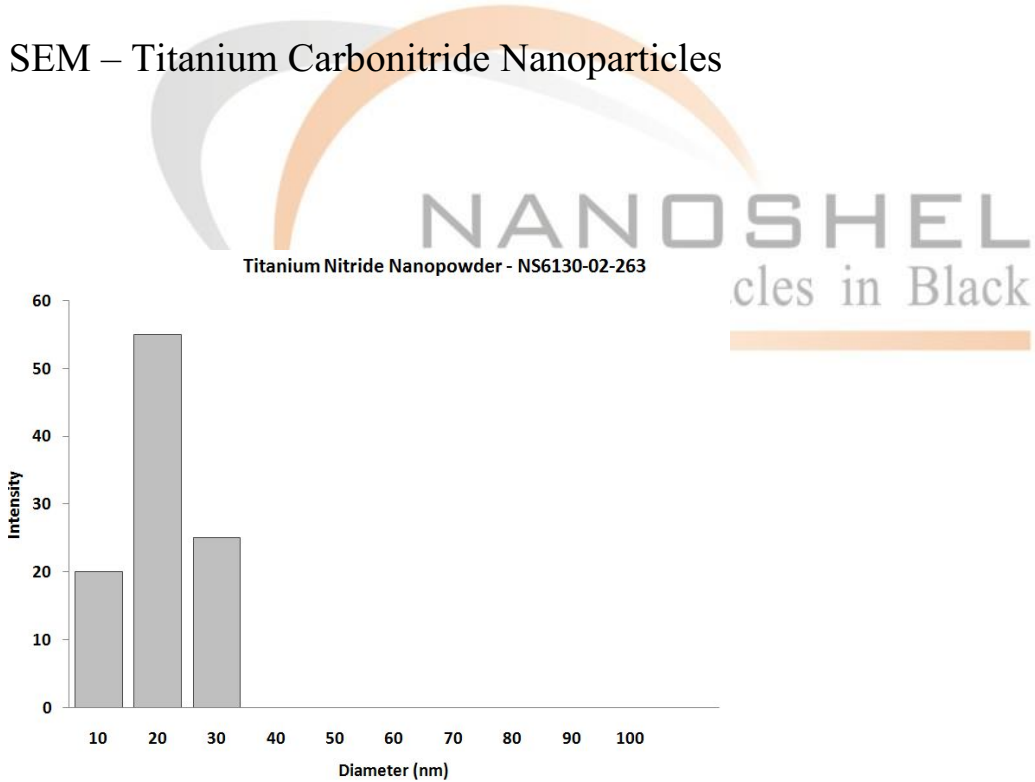
Product	:	Titanium Carbonitride Nanoparticles
Stock No.	:	NS6130-02-263
CAS	:	12654-86-3
APS	:	20nm
Purity	:	99.9 %
Molecular Formula	:	Ti ₂ CN
Molecular Weight	:	121.75g/mol
Form	:	Powder
Color	:	Black Gray
Density	:	5.08 g/ml
Bulk Density	:	0.23 g/cm
Melting Point	:	>350°C
Solubility	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

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

Characterization of Titanium Carbonitride Nanopowder



SEM – Titanium Carbonitride Nanoparticles



Titanium Carbonitride Nanopowder – Size Analysis