

Specification Sheet

Titanium Aluminium Nitride Powder

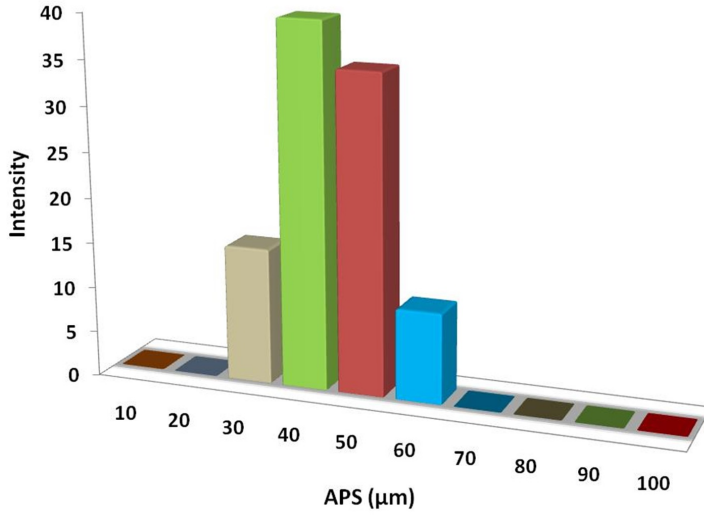
(TiAlN, Purity: 99%, APS: 40-50 μ m)

Stock No: NS6130-12-000872, CAS: 25583-20-4/24304-00-5

Product	:	Titanium Aluminium Nitride Powder
Stock No	:	NS6130-12-000872
CAS	:	25583-20-4/24304-00-5
APS	:	40-50 μ m
Purity	:	99%
Molecular Formula	:	TiAlN
Form	:	Powder
Color	:	Violet-Black/Light Gray
Density	:	5.0-6.0 g/cm ³
Vickers Hardness	:	2800 (85 Rc)
Oxidation Temperature	:	800°C (1450°F)
Friction Coefficient	:	.70
Thickness	:	2-4 microns
Surface Roughness (Ramm)	:	.40
Deposition Temperature	:	350 to 500° C
Thermal Conductivity	:	Low
Wear Resistance	:	Excellent
Solubility	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

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

Characterization of Titanium Aluminium Nitride Powder



Particles Size Analysis - TiAlN Powder

