

## Specification Sheet

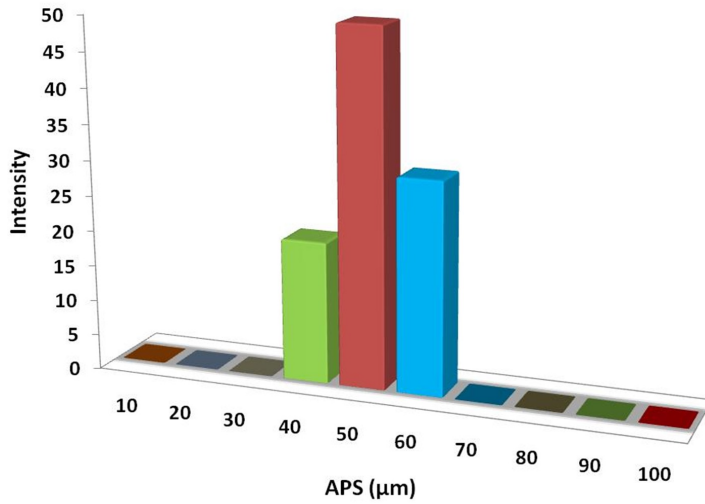
MAX Phase Titanium Aluminium Carbide Powder  
(Ti<sub>3</sub>AlC<sub>2</sub>, Purity: 99%, APS: 40-60µm)

Stock No: NS6130-12-001042, CAS: 196506-01-1

<b>Product</b>	:	<b>Titanium Aluminium Carbide Powder</b>
Stock No	:	NS6130-12-001042
CAS	:	196506-01-1
Purity	:	99%
APS	:	40-60µm
Molecular Formula	:	Ti <sub>3</sub> AlC <sub>2</sub>
Molecular Weight	:	194.605g/mol
Form	:	Powder
Color	:	Gray/Black
Density	:	2.36g/cm <sup>3</sup>
Melting Point	:	2100°C
Thermal Conductivity	:	32-37W/m.k
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 MAX Phase Titanium Aluminium Carbide Powder



Particles Size Analysis -  $Ti_3AlC_2$  Powder



NANOSHEL  
Creating Miracles in Black