

Specification Sheet

MXene Ti₃AlC₂ Nanopowder

(Titanium Aluminium Carbide, Purity: 99.9 %)

Stock No: NS6130-12-001501, CAS: 196506-01-1

Product	:	MXene Ti₃AlC₂ Nanopowder
Stock No	:	NS6130-12-001501
CAS	:	196506-01-1
Purity	:	99.9%
Molecular Formula	:	Ti ₃ AlC ₂
Form	:	Powder
Color	:	Grey black
Density	:	4.21 g/cm ³
Ratio	:	3:2:1
Structures	:	Two-dimensional (2D)
Crystal System	:	Hexagonal
Electromagnetic Shielding	:	Excellent
Electrical Conductivity	:	High
Application	:	Water purification and antibacterial coatings
Main Inspect Verifier	:	Manager QC

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