

TiC

TITANIUM CARBIDE SPUTTERING TARGET

Titanium carbide, TiC, is an extremely hard (Mohs 9–9.5) refractory ceramic material, similar to tungsten carbide. Titanium carbide is used in preparation of cermets, which are frequently used to machine steel materials at high cutting speed. It is also used as an abrasion-resistant surface coating on metal parts, such as tool bits and watch mechanisms. Titanium carbide is also used as a heat shield coating for atmospheric reentry of spacecraft.

Quick Facts

Product	:	Titanium Carbide Sputtering Target
Stock No	:	NS6130-10-1257
CAS	:	12070-08-5
Backing Plate	:	(As per Customer requirement)

Additional Characteristics

Stock No.	Purity	Diameter	Thickness
NS6130-10-1257	99.99%	50.8 mm \pm 1mm	3 mm \pm 0.5mm

Technical Specification

Molecular Formula	Molecular Weight	Melting Point
TiC	59.89g/mol	3140°C



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High Purity
SPUTTERING
TARGET