

Titanium Gr2

Type : MIG

Conformances

AWS A5.16/ ASME SFA5.16 ERTi-2

Applications

- Aerospace, marine, chemical plants
- Power generation, oil and gas extraction

Features

- Titanium alloys offer excellent corrosion resistance to acids, chlorides and salt; a wide continuous service temperature range.

Welding Position

Current

GMAW: DC-

Shielding Gas

Ar

Diameter / Packaging

Diameter	TIG
mm (in)	2.5kg (5.5lbs)
2.0 (5/64)	✓
2.4 (3/32)	✓
3.2 (1/8)	✓

Typical Chemical Composition of the Wire (%)

	Ti	Fe	C	N	O	H	Pb
Titanium Gr2	Bal	<0.12	<0.03	<0.015	0.08~0.16	<0.008	-

Typical Mechanical Properties of All-Weld Metal

YS Mpa(lbs/in ²)	TS Mpa(lbs/in ²)	EL (%)	Temp °C(°F)	CVN-Impact Value J (ft-lbs)
-				