

# 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 <sup>2</sup> )	TS Mpa(lbs/in <sup>2</sup> )	EL (%)	Temp °C(°F)	CVN-Impact Value J (ft.-lbs)
-	-	-	-	-