

Characteristics

TIG-TI2 is the main commercially pure titanium industry, thanks to its varied usability and wide availability. It shares many of the same qualities as ERTi-1 titanium, but it is slightly stronger. Both are equally corrosion resistant.

This grade possesses good weldability, strength, ductility and formability. This makes TIG-TI2 is the prime choice for many fields of applications:

- Architecture
- Power generation
- Medical industry
- Hydro-carbon processing
- Marine industry
- Exhaust pipe shrouds
- Airframe skin
- Desalination
- Chemical processing
- Chlorate manufacturing

TYPICAL CHEMICAL COMPOSITION OF WELD METAL(%)

N	C	H	Fe	Mn	O	Others	Ti
<0.015	<0.03	<0.008	<0.12	0.60	0.08-0.16	<0.20	Bal