

# TIG T35



## Classification

AWS A5.16 : ERTi-1

Material N°:

## Description & Applications

GTAW- TIG rods for welding of pure (unalloyed grades) titanium- grade 1 and 2. These grades of Titanium are used where an excellent corrosion resistance is searched and where ductility is important.

## Typical Chemical Composition ( % )

C	N <sub>2</sub>	H <sub>2</sub>	O <sub>2</sub>	Fe	Ti
0.01	0.005	0.001	0.05	0.05	Base

## All Weld Metal Mechanical Properties

Rp0.2 ( MPa )	Rm ( MPa )	A5 ( % )
320	410	41

## Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	Ar : 6-12 l/min Back shielding : Argon : 3-6 l/min