

TIG rod

GT52T

AWS A5.18M ER49S-G / A5.18 ER70S-G
JIS Z 3316 W49A2U0
ISO 636-A-W 42 2 W0

Product Features:

- GTAW (TIG) wire available for welding of mild and 490 N/mm² high tensile strength steel.
- Good low temperature impact toughness, suitable for welding of all positions pipe joint root pass and thin plates.
- Ti element contained for improving de-oxidation capability, getting fine grain and good mechanical properties of weld metal.

Applications:

- Suitable for all kinds of mild and high strength steel structures.

Typical chemical composition of rod (wt%)					
C	Si	Mn	P	S	Fe
0.06	0.78	1.48	0.014	0.016	Bal.

Typical mechanical properties of all weld metal			
Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation %	Impact value (-20°C) J
696	743	24	64

Size (mm) & recommended shielding gas				
Diameter	1.6	2.0	2.4	3.2
Length	1000	1000	1000	1000
Shielding Gas	Ar			

Note:

Goodweld Corporation
No.99, Huangong Rd. Yongkang Tainan, Taiwan
Phone: 886-6-2331003 Fax: 886-6-2333213
All Right Reserved

GOOD
GOODWELD
www.goodweld.com.tw