

TIG rod

GT60

AWS A5.28M ER55S-G / A5.28 ER80S-G
JIS Z 3316 W55A3U0
ISO 636-A-W 50 3 W0

Product Features:

- GTAW (TIG) wire for welding of 550 N/mm² grade 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.

Applications:

- Suitable for welding of high tensile strength Mn-Mo & Mn-Mo-Ni Steel.

Typical chemical composition of rod (wt%)

C	Si	Mn	Mo	Ti	Fe
0.06	0.80	1.86	0.15	0.2	Bal.

Typical mechanical properties of all weld metal

Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation %	Impact value (-30°C) J
795	824	28	95

Size (mm) & recommended shielding gas

Diameter	1.6	2.0	2.4	3.2
Length	1000	1000	1000	1000
Shielding Gas	Ar			

Note:

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