



ENAR WELD BRAZE PVT. LTD

A-112, DDA INDUSTRIAL SHEDS,
OKHLA INDUSTRIAL AREA, PHASE – II
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KISWEL – T-70S2

Classifications:

EN 636-A: 2008: W 46 3 W2Ti
EN 636-B: 2008: W 49A 3 U W2
AWS A5.18-05: ER70S-2

KS D 7140: YGT50
JIS Z 3316: YGT50

Typical Chemistry Composition of Weld Deposit:

| C | Si | Mn | P | S |
|-------|-------------|-------------|--------|--------|
| <0.07 | 0.40 – 0.70 | 0.90 – 1.40 | <0.025 | <0.035 |

Description:

- For mild steel and 490MPa tensile strength steel welding of pipes, offshore drilling rigs and structural steels, etc.
- This rod is a multiple deoxidized rod containing small amounts of zirconium, titanium and aluminium in addition to the manganese and silicon deoxidizers characteristic of steel rod group.
- This rod producing superior quality welds with minimum porosity even over rust and mill scale.

Typical Mechanical Properties:

| Yield Strength (Mpa) | Tensile Strength (Mpa) | Elongation (%) |
|-------------------------|---------------------------|-------------------|
| min. 400 | min. 480 | min. 22 |