



# PRODUCT DATA SHEET

## STAINLESS STEEL TIG WIRE

### PZ6500 TIG



#### SUMMARY

- > A double deoxidised copper coated mild steel TIG wire
- > For welding mild to medium tensile steels
- > X-ray qualities
- > Shielding gas – Argon
- > Polarity – Dc -

#### CLASSIFICATION

- > AS/NZS 1167.2 R6
- > AWS A5.18:ER70S-6

#### DESCRIPTION AND APPLICATION

Weldwell PZ6500 TIG wire is a double deoxidised copper coated wire eminently suited for welding in all positions. Under satisfactory conditions will provide less than 4 ml of hydrogen per 100g of weld metal. Can be used for welding mild to medium tensile steels, unalloyed and low alloyed steels and produces welds with excellent x-ray qualities.

Suitable for welding or carbon steels, pipe root runs and high-quality application.

#### TYPICAL ALL WELD METAL CHEMICAL ANALYSIS

C	Mn	Si
0.08	1.49	0.89

#### TYPICAL ALL WELD METAL MECHANICAL ANALYSIS

Yield Strength	443 MPa
Tensile Strength	542 MPa
Elongation	32%
CVN Impact Values	60J @ -50 °C

#### PACKAGING DATA

WIRE SIZE (MM)	PACK SIZE AND TYPE	PART NO.
1.6	5kg packet	TIGPZ650016
2.4	5kg packet	TIGPZ650024
3.2	5kg packet	TIGPZ650032

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