

BW70S-6

Betaweld Welding Wire

Mild Steel Tig Filler Rod (GTAW)


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creating better welding solutions

Specification: AWS/ASME-SFA A5.18: ER70S-6

Applications & Features:

BW70S-6 Mild steel Tig rods are a copper coated, double deoxidised low carbon steel filler rod suitable for Oxy Acetylene (Fusion) welding and Gas Tungsten Arc (TIG) welding applications.

Recommended for the welding of steel pipes, plates, tube sections and general steel repairs.

Suitable for structural steel and castings.

Approvals:

TUV, ABS, CR

Part Numbers:

P/N: 3015 - 2.4mm x 1000mm

Pack Sizes:

5.0kg Sealable Tube



Chemical composition of solid wire (wt%)

C	Si	Mn	P	S
0.05	0.83	1.26	0.015	0.012

Typical Mechanical Properties

Tensile Strength N/mm ² (kgf/mm ²)	Yield Strength N/mm ² (kgf/mm ²)	Elongation %	Charpy V-Notch		Shielding Gas
			°C	J (kgf-m)	
560 (57.1)	470 (48.0)	31	0	190 (19.4)	Argon
			-30	170 (17.3)	