

GETIG 70SG



NACE GRADE F TIG FILLER WIRE

DESCRIPTION : General purpose TIG Welding Rod for welding of plates, pipes and tubes.

SPECIFICATIONS : AWS A/SFA 5.18 ER 70SG

CHARACTERISTICS :

- Smooth flow, gives shiny welds of radiographic quality.
- Also suitable for Gas welding.

TYPICAL USES :

- General purpose TIG welding of the following grades of steel in the form of plates, pipes and tubes.
- ASTM A-285 Gr. C, A-515 Gr. 60, A-515 Gr. 70, A-516 Gr. 60 / Gr. 70f
- DIN 17155 Gr. II, Gr. III, Gr. IV, etc.
- ASTM A-106 Gr. B, A-53 Gr. B etc
- ASTM A-179, ASTM A-214, etc

SIZES (MM) 1.6, 2.0, 2.5 and 3.15 mm

SHIELDING GAS: Argon

PACKING SPECIFICATION: Supplied in cut lengths of 1 meter packed in 5 kgs cartons

COMPOSITION OF THE WIRE (RANGE) % :

C	Mn	Si	S	P	Cu
0.10 max	1.30-1.70	0.40-0.90	0.03 max	0.03 max	0.50 max

MECHANICAL PROPERTIES (RANGE) :

Tensile Strength Mpa	Yield Stress Mpa	Elongation (%) (L=4D)	Charpy V-notch impact strength	
500-600	430-540	24-30	Temp.	Joules
			20°C	80-140
			0°C	60-120