

GETIG 70SG

IDENTIFICATION

GETIG 70SG, ER 70SG

CLASSIFICATION

AWS A-5.18 Class ER 70S6

DESCRIPTION

- General purpose TIG Welding Rod for welding of plates, pipes and tubes.
- Smooth flow, gives shiny welds of radiographic quality.
- Also suitable for Gas welding.

CHEMICAL ANALYSIS (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)

TS (MPa)	YS (MPa)	EL (%) (L=4D)	CVN Impact Value	
			Temp	Joules
500 - 600	430 - 540	24 - 30	20°C	80 - 140
			0°C	60 - 120

TYPICAL APPLICATIONS

- 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

SHIELDING GAS : Argon

PACKING PARAMETERS

Size (mm)	Length (mm)	Packing / Pkt (kg)	Packing / Box (kg)
1.6	1000	5	5 x 4 = 20
2	1000	5	5 x 4 = 20
2.40 / 2.50	1000	5	5 x 4 = 20
3.15 / 3.20	1000	5	5 x 4 = 20