



ER110S-G

LOW ALLOY HIGH TENSILE SOLID WIRES

CHARACTERISTICS

- 1, Excellent mechanical properties
- 2, Good anti-crack performance

TYPICAL APPLICATIONS

- 1, Special purpose vehicles
- 2, Offshore fabrication
- 3, Engineering Machinery
- 4, Lifting equipment
- 5, High-rise building



SIZE	AMPS
1.2mm	90-350A
1.6mm	170-390A

CLASSIFICATION

AWS A5.28 ER110S-G
EN ISO 16834-A-G 69 4 M21 Z

CHEMICAL COMPOSITIONS (Wt%), ALL WELD METAL, TYPICAL

C	Si	Cr	Mn	Mo	Ni	P	S
0.08	0.52	0.25	1.75	0.42	1.50	0.008	0.009

WELDING POSITIONS (ISO/ASME)



AVAILABLE SIZES (DIA.)

1.2mm/1.6mm

EQUIVALENT TO

PACKAGING DETAILS

15kg Spools ; 250/350kg Drums

CURRENT TYPE

DC+

MECHANICAL PROPERTIES, ALL WELD METAL, TYPICAL

Condition	Shielding Gas	Yield Strength (mpa)	Tensile Strength (mpa)	Elongation(%)	Charpy V notch (J)
AW	80% Ar+20% CO ₂	730	810	22	-40 C 80

Note:
Shielding gas: 80% Ar+20% CO₂

