

STRONG ENI2

CLASSIFICATION: AWS SFA 5.23 ENi2

SAW Wire for Cryogenic Steel applications



CHARACTERISTICS & APPLICATIONS

STRONG ENi2 is a Nickel alloyed, copper coated wire for the Submerged Arc Welding of high strength steels where impact properties are required at negative temperatures. The weld metal will have 2.50% Ni deposition and provide good impact properties at -60 degree Celsius. Especially suitable for welding of pipes and tubes of matching compositions in power plants, refineries, petrochemicals, fertilizers plants etc.

TYPICAL WIRE CHEMISTRY (%)

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.12 MAX	0.75- 1.25	0.05- 0.30	0.020 MAX	0.020 MAX	0.15 MAX	2.10- 2.90	0.15 MAX	0.35 MAX

PACKAGING SPECIFICATIONS - SAW SPOOL PACK

DIA SIZE 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM / 5.00MM

SPOOL WEIGHT 25KGS / 30KGS

PACKAGING SPECIFICATIONS - DRUM PACK

DIA SIZE 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM / 5.00MM

WEIGHT 150KGS / 250KGS / 300KGS / 350KGS / 500KGS

RECOMMENDED COMBINATION SAW FLUX

WIRE SIZE 2.40MM AND ABOVE

STRONG FLUX 10G / STRONG FLUX 62

WIRE SIZE 2.40MM AND BELOW

STRONG FLUX 16HS