



GB/T 15620 SNi4060

AWS A5.14 ERNiCu-7

EN ISO 18274-S Ni4060

AK ERNiCu-7

Description: Nominal composition is: 65%Ni-30%Cu-3%Mn-2%Ti; Beautiful weld bead appearance.great iron water fluidity,and excellent weld ability: With the right amount of Mn and Ti to effectively prevent heat cracking and blowholes from happening.

Application: Suitable for welding nickel copper alloy. such as Monel 400/404. ASTM B127and etc. ; Can also be used for welding dissimilar metal between steel and Ni-Cu alloy. and buildup welding on the steel surface;Often used in heat exchanger, pipe, vessel, and evaporator in offshore engineering, petrochemical industry and power plant industry.

Typical Chemical Composition(%):

	C	Si	Mn	S	P	Fe	Ni	Ti	Cu
Requirement	0.15	1.25	4.00	0.015	0.020	2.50	62-69	1.00	bal.
Actual Result	0.005	0.79	2.88	0.007	0.009	0.12	67.4	0.42	27.3

Typical Mechanical Properties:

	Tensile Strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement	480	— —	27	
Actual Result	563	— —	41.5	