



GB/T 15620 SNi6267

AWS A5.14 ERNiCrMo-4

EN ISO 18274-S Ni6267

AK ERNiCrMo-4

Description: Ni-Cr-Mo type argon gas welding wire. with nominal composition of 57Ni-16Cr-15.5Mo-5.5Fe-4W; Excellent mechanical properties of deposited metal and excellent pitting resistance and crevice corrosion resistance; Stable arc, beautiful weld bead appearance, great iron water fluidity, with excellent weld ability.

Application: Suitable for the welding of Ni-Cr-Mo alloy, such as ASTM B574, B619, B628 and UNS N10276 and etc; can also be used for dissimilar metal welding on the surface, or the welding of 9Ni steel.

Typical Chemical Composition(%):

	C	Si	Mn	S	P	Fe	Ni	Cr	W	Mo
Requirement	0.02	0.08	1.00	0.030	0.040	4.00-7.00	bal.	14.50-16.50	3.00-4.50	15.00-17.00
Actual Result	0.018	0.05	0.52	0.005	0.010	5.68	58.21	15.88	3.77	15.68

Typical Mechanical Properties:

	Tensile Strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement	690	—	27	
Actual Result	785	—	41	