



GB/T 13814 ENi 6182

AWS A5.14 ERNiCrFe-11

EN ISO 14172- ENi 6182

AK ERNiCrFe-11

Description:ERNiCrFe-11 is used for the welding of nickel chromium molybdenum alloy itself, or for the welding of nickel chromium molybdenum alloy with steel and most other nickel based alloys. It can also be used for the surfacing of nickel chromium molybdenum alloy and steel welding seams.

Typical Chemical Composition(%):

	C	Si	Mn	S	P	Ni	Fe	Cr	Cu	Al
Requirement	0.10	0.50	1.0	0.015	0.030	58.0-63.0	Rem.	21.0-25.0	1.0	1.0-1.7
Actual Result	0.042	0.18	0.75	0.003	0.005	60.5	59.03	23.77	0.05	1.38

Typical Mechanical Properties:

	Tensile Strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement				
Actual Result				