

AK ER385

Description: The welding wire is a 20%Cr-25%Ni-4%Mo-2%Cu type stainless steel wire with extremely low carbon content and excellent corrosion resistance; it is resistant to corrosion at any temperature and any concentration of acetic acid under normal pressure; it can be Effectively solve the pitting corrosion, pitting corrosion, crevice corrosion, stress corrosion and other problems of halide.

Application: Towers, tanks, pipelines and storage and transportation containers for welding, manufacturing and shipping strong acids.

Typical Chemical Composition(%):

	C	Si	Mn	S	P	Ni	Mo	Cr	Cu
Requirement	0.025	0.50	1.0-2.5	0.03	0.02	24.0-26.0	4.2-5.2	19.5-21.5	1.2-2.0
Actual Result	0.019	0.37	1.90	0.009	0.017	24.59	4.49	20.77	1.56

Typical Mechanical Properties:

	Tensile strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement	——		——	——
Actual Result	585		30	90J(0°C)