

AK ER308H

Description: The wire is a 21%Cr- 10%Ni austenitic stainless steel wire. The welding arc is stable, the shape is beautiful, and it can be welded in all positions.

Application: For welding of 12Cr18Ni9 (SUS 302), 06Cr18Ni10 (SUS 304) and other materials.

Typical Chemical Composition(%):

	C	Si	Mn	S	P	Ni	Mo	Cr	Cu
Requirement	0.04-0.08	0.30-0.65	1.0-2.5	0.03	0.03	9.0-11.0	0.50	19.5-22.0	0.75
Actual Result	0.05	0.48	1.79	0.015	0.022	9.40	0.01	19.72	0.09

Typical Mechanical Properties:

	Tensile strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement	---		---	
Actual Result	580		42	85J(-40℃)