

AK ER430

Description: The wire is a 17Cr type ferritic stainless steel wire. The welding operation arc is stable, the spatter is less, and the molding is beautiful.

Application: Used for welding nitric acid corrosion-resistant, heat-resistant Cr17 stainless steel, commonly used in golf head welding.

Typical Chemical Composition(%):

	C	Si	Mn	S	P	Ni	Mo	Cr	Cu
Requirement	0.10	0.50	0.60	0.03	0.03	0.6	0.75	15.5-17.0	0.75
Actual Result	0.015	0.47	0.49	0.008	0.016	0.14	0.01	16.32	0.02

Typical Mechanical Properties:

	Tensile strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement	—		—	—
Actual Result	455		27	—