

AK E316L-17

Description: 316L-17 Shielded Metal Stick Electrode is an austenitic stainless designed to weld on 316 or 316L stainless steels and joining extra low carbon molybdenum bearing austenitic steels.

Typical Chemical Composition(%):

	C	Si	Mn	S	P	Ni	Mo	Cr	Cu
Requirement	0.04	1.00	0.5-2.5	0.03	0.03	11.0-14.0	2.0-3.0	17.0-20.0	0.75
Actual Result	0.032	0.71	0.84	0.011	0.025	11.15	2.10	18.92	0.04

Typical Mechanical Properties:

	Tensile strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement	≥490		≥30	
Actual Result	550		35	