

AK E8015-B6

Description: E8015-B6 Low Alloy Steel Stick (SMAW) Electrode. Low alloy steel stick electrode AWS E8015-B6 designed for high strength and improved corrosion resistance with hot hydrogen gas, super-heated steam, and Sulphur crude oils ,Low alloy stick electrode designed for high strength and improved corrosion resistance

Typical Chemical Composition(%):

	C	Si	Mn	S	P	Ni	Mo	Cr	V
Requirement	0.05-0.1	0.9	1.0	0.015	0.025	0.40	0.45-0.65	4.0-6.0	
Actual Result	0.086	0.31	0.70	0.008	0.016	0.03	0.59	5.43	

Typical Mechanical Properties:

	Tensile strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement	≥550	≥460	≥ 17	≥54J
Actual Result	600	500	21	91 94 96