



GB/T 14957 H10MnSiA

AWS A5.17 EM113K

EN ISO 14171-B:2010 SU25

AK EM113K

Description: EM113K is a copper-plated arc welding wire, which is matched with low manganese and silicon welds. The welding process has excellent performance.

Application: It is matched with melting welding HJ330, HJ360, HJ431 or sintering welding SJ101 and other alloy steels that can be used for welding carbon steel, boiler, pressure vessels, bridges, ships and other corresponding strength levels.

Typical Chemical Composition(%):

	C	Si	Mn	S	P	Ni	Cr	Mo	
Requirement	0.06-0.15	0.45-0.75	0.90-1.40	0.03	0.025	---	---	---	
Actual Result	0.05	0.30	1.25	0.004	0.008	---	---	---	

Typical Mechanical Properties:

	Tensile Strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Requirement	480-650	≥400	22	27J(-20℃)
Actual Result	553	450	27	98