

AK ER62-B3

Description: AK-ER62-B3 M is a gas shielded welding wire for 2.25%Cr-1%Mo pearlitic heat-resistant steel. The welding wire uses Ar+(1%-5%)CO₂ for gas shielding and has good mechanical properties of deposited metal.

Application: It is suitable for the welding of 2.25%Cr-1%Mo heat-resistant steel (such as T/P22, 15Cr2Mo1, etc.) whose working temperature is below 550°C. It is often used in the welding of conventional thermal power stations, petrochemical equipment and other structures.

Typical Chemical Composition(%):

	C	Mn	P	S	Si	Cr	Cu	Mo	Ni
Actual Result	0.07-0.12	0.4-0.7	0.025	0.025	0.4-0.7	1.2-2.3	0.35	0.9-1.2	0.25

Typical Mechanical Properties :

	Tensile strength (MPa)	Yield Stress (MPa)	Elongation (%)	Impact Values (J)
Actual Result	≥ 620	≥ 540	≥ 17	——