



AK ERCuSi-A

TIG/MIG

GB/T 9460 CuSiMn

AWS A5.7 ERCuSi-A

EN ISO 24373 CuSi3Mn1

Application: Applied to butt welding and surfacing welding of brass, especially suitable for MIG welding of galvanized steel sheets, and preheating is required for MIG surfacing welding of large weldments. Pulse argon arc welding is recommended for surfacing steel.

Typical Chemical Composition(%):

	Cu	Al	Fe	Mn	P	Pb	Si	Sn	Zn	Other
ISO 24373	bal.	0.02	0.50	0.50-1.5	0.05	0.02	2.8-4.0	0.20	0.40	0.50
AWS A5.7	bal.	0.01	0.50	0.50-1.5	—	0.02	2.8-4.0	1.0	1.0	0.50

Physical Properties Mechanical Properties:

Solids-Temperature	910℃	Liquids-Temperature	1025℃
Density	8.5kg/dm ³	Tensile Strength	330-370N/mm ²
Elongation	40%	Brinell-Hardness	80-90HB