



GB/T 9460 CuSn6P

AWS A5.7 ERCuSn-A

EN ISO 24373 CuSn6P

AK ERCuSn-A

TIG/MIG

Application: Applied to the welding of copper and tin bronze, especially suitable for butt welding of brass and steel, also suitable for repairing copper alloy castings, it is recommended to preheat when welding large and thick parts, and use pulse argon arc welding for multi-layer surfacing welding of steel.

Typical Chemical Composition(%):

	Cu	Al	Fe	Mn	P	Pb	Si	Sn	Zn	Other
ISO 24373	bal.	0.01	0.10	—	0.10-0.40	0.02	—	4.0-7.0	0.10	0.20
AWS A5.7	bal.	0.01	—	—	0.10-0.35	0.02	—	4.0-6.0	—	0.50

Physical Properties Mechanical Properties:

Solids-Temperature	910℃	Liquids-Temperature	1040℃
Density	8.7kg/dm ³	Tensile Strength	320-360N/mm ²
Elongation	20-25%	Brinell-Hardness	80-90HB