



GB/T 9460 CuSn8P

AWS A5.7 ERCuSn-C

EN ISO 24373 CuSn8P

AK ERCuSn-C

TIG/MIG

Application: Applied to the welding of copper and copper alloys, especially for butt welding of brass and steel, it is recommended to preheat when used for large thickness weldments, and pulse argon arc welding is recommended for steel surfacing.

Typical Chemical Composition(%):

	Cu	Al	Fe	Ni	P	Pb	Si	Sn	Zn	Other
ISO 24373	bal.	—	0.10	0.2	0.10-0.40	0.02	—	7.5-8.5	0.20	0.20
AWS A5.7	bal.	0.01	0.10	—	0.10-0.35	0.02	—	7.0-9.0	0.20	0.50

Physical Properties Mechanical Properties:

Solids-Temperature	875℃	Liquids-Temperature	1025℃
Density	8.8kg/dm ³	Tensile Strength	260N/mm ²
Elongation	20%	Brinell-Hardness	80HB