



GB/T 9460 CuZn40Ni

AWS A5.7 ERCuZn-B

EN ISO 24373 CuZn40Ni

AK ERCuZn-B

TIG/MIG

Application: Brass welding wire containing a small amount of iron, silicon, and manganese has good fluidity of molten metal. Due to the existence of silicon, it can more effectively inhibit the evaporation of zinc. It can be used for gas protection of copper, steel, copper-nickel alloy, and gray cast iron. Argon arc welding, and inserting carbide tools. It needs to be preheated at 400-500°C before welding.

Typical Chemical Composition(%):

	Cu	Al	Mn	Ni	P	Pb	Si	Sn	Zn	Other
ISO 24373	56.0-60.0	0.01	0.01-0.50	0.20-0.8	---	0.05	0.04-0.20	0.8-1.1	bal.	0.50
AWS A5.7	57.0-61.0	0.01	0.01-0.50	0.20-0.8	---	0.05	0.04-0.20	0.8-1.1	bal.	0.50

Physical Properties Mechanical Properties:

Solids-Temperature	866°C	Liquids-Temperature	882°C
Density	8.39kg/dm ³	Tensile Strength	---
Elongation	---	Brinell-Hardness	---