



GB/T 9460 CuZn40Ni10Sn1

AWS A5.7 ERCuZn-D

EN ISO 24373 CuZn40Ni10Sn1

AK ERCuZn-D

TIG/MIG

Application: It is used in machinery manufacturing, automation industry, steel furniture and other industries. It is used for surface anti-corrosion surfacing welding of cast steel, gray cast iron, copper alloy and nickel alloy parts. It is also suitable for butt welding of gray cast iron.

Typical Chemical Composition(%):

	Cu	Al	Ni	Fe	P	Pb	Si	Sn	Zn	Other
ISO 24373	46.0-50.0	0.01	9.0-11.0	—	0.25	0.05	0.04-0.25	—	bal.	0.50
AWS A5.7	46.0-50.0	0.01	9.0-11.0	—	0.25	0.05	0.04-0.20	—	bal.	0.50

Physical Properties Mechanical Properties:

Solids-Temperature	890℃	Liquids-Temperature	935℃
Density	8.7kg/dm ³	Tensile Strength	385N/mm ²
Elongation	25%	Brinell-Hardness	120HB