



GB/T 9460 CuAl10Fe1
AWS A5.7 ERCuAl-A2
EN ISO 24373 CuAl10Fe1

AK ERCuAl-A2

TIG/MIG

Application: It is suitable for surfacing welding of aluminum bronze on steel, wear-resistant and seawater corrosion-resistant, and is used in shipbuilding, machinery manufacturing, instrument and pump manufacturing. Pulse argon arc welding is recommended for multilayer surfacing.

Typical Chemical Composition(%):

	Cu	Al	Mn	Ni	P	Pb	Si	Sn	Zn	Other
ISO 24373	bal.	8.5-11.0	—	—	—	0.02	0.10	—	0.02	0.50
AWS A5.7	bal.	8.5-11.0	—	—	—	0.02	0.10	—	0.20	0.50

Physical Properties Mechanical Properties:

Solids-Temperature	1030°C	Liquids-Temperature	1040°C
Density	7.6kg/dm ³	Tensile Strength	621N/mm ²
Elongation	20%	Brinell-Hardness	166HB