



GB/T 9460 CuMn13Al8Fe3Ni2
AWS A5.7 ERCuMnNiAl
EN ISO 24373 CuMn13Al8Fe3Ni2

AK ERCuMnNiAl

TIG/MIG

Application: Best for the overlay welding of iron-casting and low-alloy steel that especially need corrosion resistance.

Typical Chemical Composition(%):

	Cu	Al	Mn	Ni	Fe	Pb	Si	Sn	Zn	Other
ISO 24373	bal.	7.0-8.5	11.0-14.0	1.5-3.0	2.0-4.0	0.02	0.10	—	0.15	0.40
AWS A5.7	bal.	7.0-8.5	11.0-14.0	1.5-3.0	2.0-4.0	0.02	0.10	—	0.15	0.50

Physical Properties Mechanical Properties:

Solids-Temperature	945℃	Liquids-Temperature	985℃
Density	7.4kg/dm ³	Tensile Strength	800-900N/mm ²
Elongation	10%	Brinell-Hardness	180-240HB