



TIGFIL CuAl-A1

GTAW COPPER ALLOYS

AWS A/SFA 5.7 **ERCuAl-A1**

CLASSIFICATION:

EN ISO 24373
SCu 6100 (Cu Al7)

KEY FEATURES:

- Iron free Aluminium-Bronze solid wire
- Resistance to many commonly used acids in varying concentrations and temperatures
- Resistance to corrosive media such as salt or brackish water
- Not Recommended for joining

TYPICAL APPLICATIONS:

- Overlay application as a wear resistant surfaces having relatively light loads
- Tube sheets, pickling hooks, valve seats
- Repair and build-up of bearing and corrosion resistant surfaces
- Impellers, chemical plants and pulp mills


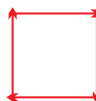
CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

Zn	Mn	Si	Al	Pb	Cu+Ag
0.20 max	0.50 max	0.10 max	6.0-8.5	0.02 max	Bal.

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	Hardness, HBW
Specification	As Welded	380 min	80-110

PARAMETERS - PACKING DATA:

Ø x L, mm	Net Wt., Kg		
2.0 x 1000	20	 DCEN	All Positions 
2.4 x 1000	20		
3.15 x 1000	20		
		STORAGE / HANDLING : Keep dry and follow handling instructions mentioned on the box	

Shielding Gas	Gas Flow Rate, LPM
Ar	10-15

Available in Standard carton packing of 20 kg box, containing 4 plastic tubes of 5 kg each.