



TIGFIL CuAl-A2

GTAW COPPER ALLOYS

AWS A/SFA 5.7 ERCuAl-A2

CLASSIFICATION:

EN ISO 24373

S Cu 6180 (Cu Al10 Fe)

KEY FEATURES:

- Iron bearing Aluminium-Bronze solid wire
- Resistance to salt water and many commonly used acids

TYPICAL APPLICATIONS:

- Joining aluminium bronzes of similar composition, manganese bronze, silicon bronze, and some copper-nickel alloys, ferrous metals and dissimilar metals
- Dissimilar metal combinations of aluminium bronze to steel, copper to steel
- Overlay application for wear and corrosion resistant surfaces



CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

Zn	Fe	Si	Al	Pb	Cu+Ag
0.02 max	1.50 max	0.10 max	8.50-11.0	0.02 max	Bal.

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	Brinell Hardness, HBW
Specification	As Welded	415 min	130-150

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.