

Swastik Weld Make Welding Wire GMAW/GTAW (MIG & TIG) for Copper Alloy Wire

V) ER CuSi-A CLASSIFICATION: AWS A/SFA 5.7

Chemical Composition of ER CuSi-A Wire

MECHANICAL PROPERTIES OF ALL WELD

METAL:

UTS, Mpa= 345 min

EL%= 80-100

**TYPICAL APPLICATION OF ER CuSi-A
(Silicon Bronze Wire)**

- 1) Silicon Bronze is a copper based filler metal containing 3% silicon and small amounts of manganese, tin and zinc.
- 2) Joints are made at lower temperature than in gas or arc welding
- 3) Minimizes thermal stress and distortion
- 4) Less susceptibility to cracking
- 5) Soft and ductile weld deposits
- 6) Easy machinability
- 7) Low residual stress
- 8) High strength fillets
- 9) Mobile equipment for simple on-site repair

Packing: Tig: In cut length of 1000mm in 5kgs boxes (size: 1.6, 2.0, 2.40, 3.15mm)

Mig: Continuous wire in 12.5kgs / 15kgs Plastic Spool (size: 0.80, 1.2mm)

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