

GETIG 701

IDENTIFICATION

Getig 701, ER CuSn-A

CLASSIFICATION

AWS/SFA 5.7: ER CuSn -A,
DIN 1733 SG CuSn6 (2.1022)

DESCRIPTION

Phosphorus deoxidised Wires for welding copper base alloys. The alloy has a wide freezing range and therefore has sluggish flow characteristics which can be minimised by preheating where circumstances permit.

CHEMICAL ANALYSIS (RANGE) %

Cu	Sn	Pb	Al	P
Remainder	4.0 -6.0	0.020 max	0.01 max	0.10 - 0.35

TYPICAL APPLICATIONS

- These wires are used to weld a range of copper base alloys to themselves and to C-Mn steels or cast irons, and the repair and joining of castings.
- They are also suitable, if a low dilution is achieved, for weld overlaying to give a bearing surface and/or corrosion resistant layer on steel components, shafts etc. Tin bronzes (up to 10% tin and 0.5% Phosphorus): BS PB101-3, UNS 52100 etc. Gunmetals (but >5% Pb leaded types difficult): BS LG3, LG4, LPBI etc. Bell metal (Cu+20-25% tin).
- Brasses (Cu+40% zinc), manganese bronzes.

SHIELDING GAS : ARGON : Pure Argon, He or Ar - He.

PACKING PARAMETERS

Size (mm)	Length (mm)	Packing / Pkt (kg)	Packing / Box (kg)
1.6	500	2	2 x 5= 10
2.40 / 2.50	500	2	2 x 5= 10
3.15 / 3.20	500	2	2 x 5= 10