

GETIG 9313

COPPER-PHOSPHORUS BRAZING ALLOY WITH LOWEST SILVER CONTENT

IDENTIFICATION

Getig 9313, BCuP-6

CLASSIFICATION

DIN 8513: L-Ag 2 P AWS/SFA-5.8: BCuP-6

DESCRIPTION

Copper-phosphorus brazing alloy with lowest silver content. Getig 9313 filler metal has good open-joint brazing properties and is particularly suitable for bridging wide gaps. No flux is required for brazing on copper, but is required for copper alloys.

CHEMICAL ANALYSIS (RANGE) %

Ag	Cu	P
1.8 - 2.2	Remainder	6.8 - 7.2

TYPICAL APPLICATIONS

- Capillary brazing and braze-welding of copper, gunmetal, Cu-Zn and Cu-Sn alloys in apparatus, electric motor and pipe work construction, precision workshops, construction of prefabricated houses, installation and heating equipment, breweries, dairies and shop fittings manufacture.
- Copper piping for cold and hot water, gas piping, refrigeration plants. Suitable for operating temperatures up to +150°C.

PHYSICAL PROPERTIES

WORKING TEMPERATURE : 710°C.

MELTING RANGE : 650 - 810°C

SOURCE OF HEAT: Oxy-acetylene torch, air-gas torch, furnace, high frequency induction, TIG torch

PACKING PARAMETERS

Size (mm)	Length (mm)	Packing / Pkt (kg)	Packing / Box (kg)
1.6	500	2	2 x 4= 8
2	500	2	2 x 4= 8
2.40 / 2.50	500	2	2 x 4= 8
3.00 / 3.15 / 3.20	500	2	2 x 4= 8