

TECHNICAL SHEET

Brazing BCuP-6

BEIDUO® Alloys

Providing Complete Brazing, Soldering & Welding

No.:000010

Classification

AWS A5.8	BCuP-6
DIN EN1044	CP 105
DIN 8513	L-Ag2P
ISO 17672	CuP 279

Chemical Composition: %

Cu	P	Ag	Other
Balance	6.8-7.5	1.8-2.2	0.05

Mechanical and physical properties

Working temperature: 740 °C

Melting range: 645- 825 °C

Specific gravity: 8.1 g/cm³

Tensile strength: 250 N/mm²

Elongation: 5 %

Joining process

Acetylene torch, induction and resistance heating

Description and Applications

Copper-phosphorus alloy with low silver content. This alloy has good gap filling properties and is well suited to bridge wide gaps. Suitable for gap brazing of copper and copper alloys. Approved by DVGW-worksheet GW 2 for copper pipes. Joint-brazing at working temperatures between -60 °C and +150 °C*. Do not use in sulphurous environment and on Fe- and Ni-alloys

Availability

Rods: ϕ 1.5-5.0mm Length: 50-1000mm

Wire and Flat wire: ϕ 0.8, 1.0, 1.2, 1.6mm

Other dimensions are available upon request

BEIDUO ALLOYS

#2999 Binhong West Road, Jinhua , Zhejiang, China

Tel: 86-579-83533866 Mob.:86-13806785765

Email: sales@jhbeiduo.com www.beiduoalloys.com

Jan.10,2019