

# TECHNICAL SHEET

## Brazing BCuP-2

**BEIDUO® Alloys**

Providing Complete Brazing, Soldering & Welding

No.:000007

### Classification

AWS A5.8	BCuP-2
DIN EN1044	CP 202
DIN 8513	L-CuP7
ISO 17672	CuP 180

### Chemical Composition: %

Cu	P	Other
Balance	6.5-7.5	0.05

### Mechanical and physical properties

Working temperature: 730 °C

Melting range: 710 - 820 °C

Specific gravity: 8.1 g/cm<sup>3</sup>

Tensile strength: 250 N/mm<sup>2</sup>

Elongation: 5 %

### Joining process

Acetylene torch, induction and resistance heating

### Description and Applications

Filler metal with good flowing properties and capillarity. Suitable for gap brazing of copper and copper alloys. Joint-brazing at working temperatures between -20 °C and +150 °C. Do not use in sulphurous environment and on Fe- and Ni-alloys.

### Availability

Rods:  $\phi$  1.5-5.0mm Length: 50-1000mm

Wire and Flat wire:  $\phi$  0.8, 1.0, 1.2, 1.6mm

Other dimensions are available upon request

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