

TECHNICAL SHEET

Brazing BCuP-9

BEIDUO® Alloys

Providing Complete Brazing, Soldering & Welding

No.:000011

Classification

	CuPSn6
	BCu86PSn
AWS A5.8	BCuP-9
ISO 17672	CuP 385

Chemical Composition: %

Cu	P	Sn	Other
Balance	6.0-7.0	6.0-7.0	0.05

Mechanical and physical properties

Working temperature: 670 °C

Melting range: 637- 674 °C

Specific gravity: 8.8 g/cm³

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. The seam colour is silver-gray. 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: 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

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