

FONTARGEN A 2006 Copper-phosphorus-tin alloy



ISO 17672:	CuP 385
EN ISO 3677:	B-Cu87PSnSi-635/675
AWS A5.8:	BCuP-9

Composition, typical analysis (% w/w):

Cu	Sn	P	Si
88.8	6.5	6.5	0.2

Mechanical and physical properties:

Working temperature:	670 °C
Melting range:	637 - 674 °C
Specific gravity:	8.8 g/cm ³

Characteristics / 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.

Heat sources:

Acetylene torch, air-gas torch, induction and resistance heating, TIG-torch.

Flux:

Only copper alloys require the use of flux
F 300 - Series

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
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