

FONTARGEN A 2003 Copper-phosphorus alloy



ISO 17672:	CuP 180
DIN EN 1044:	CP 202
DIN 8513:	L-Cu P 7
EN ISO 3677:	B-Cu93P-710/820
AWS A 5.8:	BCuP-2
Material-no.:	2.1463

Composition, typical analysis (% w/w):

Cu	P
93	7

Mechanical and physical properties:

Working temperature:	730 °C
Melting range:	710 - 820 °C
Specific gravity:	8.1 g/cm ³
Tensile strength:	250 N/mm ²
Elongation:	5 %

Characteristics / 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.

Heat sources:

Acetylene 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
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

13/10/JL/1