

## FONTARGEN A 204 Copper-phosphorus alloy



ISO 17672:	CuP 182
DIN EN 1044:	CP 201
DIN 8513:	L-CuP8
EN ISO 3677:	B-Cu92P-710/770
AWS A 5.8:	BCuP-2
Material-no.:	2.1465

### Composition, typical analysis (% w/w):

Cu	P
92.2	7.8

### Mechanical and physical properties:

Working temperature:	720 °C
Melting range:	710 - 770 °C
Specific gravity:	8.0 g/cm <sup>3</sup>
Tensile strength:	250 N/mm <sup>2</sup>
Elongation:	5 %
Electrical conductivity:	3.5 Sm/mm <sup>2</sup>

### Characteristics / Applications:

Filler metal with very good flowing properties and high 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
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