

# FONTARGEN A 2004

## Copper-phosphorus alloy



ISO 17672:	CuP 179
DIN EN 1044:	CP 203
DIN 8513:	L-CuP6
EN ISO 3677:	B-Cu94P-710/890
Material-no.:	2.1462

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

Cu	P
93.8	6.2

### Mechanical and physical properties:

Working temperature:	760 °C
Melting range:	710 - 890 °C
Specific gravity:	8.1 g/cm <sup>3</sup>
Tensile strength:	250 N/mm <sup>2</sup>
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 -60 °C and +150 °C\*. Do not use in sulphurous environment and on Fe- and Ni-alloys.

### Heat sources:

Acetylene torch, induction and resistance heating, WIG-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

\*Ascertained by notched flexural impact tests according to DIN EN 10045