

FONTARGEN A 3015 Copper-phosphorus alloy with high silver content



EN ISO 17672:	CuP 284
DIN EN 1044:	CP 102
DIN 8513:	L-Ag15P
EN ISO 3677:	B-Cu80AgP-645/800
AWS A 5.8:	BCuP-5
Material-no.:	2.1210

Composition, typical analysis (% w/w):

Ag	Cu	P
15	80	5

Mechanical and physical properties:

Working temperature:	700 °C
Melting range:	645 - 800 °C
Specific gravity:	8.4 g/cm ³
Tensile strength:	250 N/mm ²
Elongation:	10 %
Electrical conductivity:	7 Sm/mm ²

Characteristics / Applications:

Thin fluid copper-phosphorus alloy with high silver content and high ductility, even at low temperatures. Suitable for gap brazing of copper and copper alloys. Recommended for joints with strong thermal load and vibrations. Joint-brazing at working temperatures between -70 °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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