

FONTARGEN A 3005

Silver containing copper-phosphorus alloy



ISO 17672:	CuP 281
EN ISO 3677:	B-Cu89PAg-645/815
DIN EN 1044:	CP 104
DIN 8513:	L-Ag5P
AWS A 5.8:	BCuP-3
Material-no.:	2.1466

Composition, typical analysis (% w/w):

Ag	Cu	P
5	89	6

Mechanical and physical properties:

Working temperature:	710 °C
Melting range:	645 - 815 °C
Specific gravity:	8.2 g/cm ³
Tensile strength:	250 N/mm ²
Elongation:	8 %
Electrical conductivity:	5 Sm/mm ²

Characteristics / Applications:

Copper-phosphorus alloy with low silver content, good flowing properties and high ductility. 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, 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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