

Classifications**DIN EN ISO 3677**

B-Cu92PAg-645/825

DIN EN ISO 17672

CuP 279

DIN EN 1044

CP 105

DIN 8513

L-Ag2P

Material-No.

2.1467

Composition, typical analysis (% w/w)

Cu	Ag	P
91.7	2	6.3

Mechanical and physical properties

Melting range	645 - 825 °C	Specific gravity	8,1 g/cm ³
Working temperature	740 °C	Tensile strength	250 N/mm ²
Electrical conductivity	4 Sm/mm ²	Elongation (l=5d)	5 %

Characteristics and typical fields of application

Copper-phosphorus alloy with low silver content. This alloy has good gap filling properties and is well suited to bridge wide gaps. Suitable for gap brazing of copper and copper alloys. Suitable by DVGW-worksheet GW 2 for copper pipes. Joint-brazing at working temperatures between -60 °C and +150 °C, determined by notched flexural impact tests according to DIN EN 10045. Do not use in sulphurous environment and on Fe- and Ni-alloys.

Heat sources

Flame, induction and resistance heating, TIG-torch

Flux

Only copper alloys require the use of flux

F 300 - Series