

TECHNICAL DATA SHEET

SILVERFOS 202

Phoscopper Brazing alloys, Cadmium Free

EN ISO 17672:2016

AWS A5.8-92

ISO 3677:1997

DIN 8513

(EN 1044:1999)

B-Cu93P(Ag) - 700/850

Nominal Composition [%]

Ag	Cu	P	Sn			
0,2	93,2	6,6	-			

Technical Data

Melting Point

c.a. 700 - 850 °C

Working Temperature

c.a. 800 °C

Density

c.a. 8,1 gr/cm³

Tensile strength

250 Mpa

Elongation

Electrycal Conductivity



Applications

SILVERFOS 202 is a copper-phosphorus alloy that does not require the use of flux for copper-copper soldering. Used mainly in plumbing and for plumbing installations, it is characterized by good fluidity and capillarity that ensures good filling even at low temperatures. The presence of silver makes the brazed joint stronger, improving its resistance to mechanical vibrations (however weak) and / or to the environmental temperature range.

Base Metals

Copper and its alloys. Copper and brass (with flux)

Heat Sources

Flame

Bare rods	Fluxcoated	Wire < Ø 1,0	Wire > Ø 1,0	Foil	Extruded bars	Rings
-	-	-	-	-	X	-