

Technical Datasheet HPW-201Ag

Cadmium free

Norm

DIN EN ISO 17672:2017 -
DIN EN 1044:1999 AG 201
DIN 8513:1979
EN ISO 3677:2016 B-Ag36CuZn-690/730

Composition [mass friction %]

Ag	Cu	Zn	Sn
63	24	13	-

Valid impurity [max. mass friction %]

Al	Bi	Cd	P	Pb	Si	Ges.
0.001	0.03	0.01	0.008	0.025	0.05	0.15

Technical Specifications

Melting range 690-730 °C
Solidus 690 °C
Liquidus 730 °C
Working temperature 720 °C
Density 9.7 g/cm³
Tensile strength 450 N/mm²
Heat-resisting up to approx. 200 °C

Sources of heat

Flame brazing process, Induction heating and Oven soldering

Application

Steel, Copper and Copper alloys, Nickel und Nickel alloys, Malleable iron.

Delivery forms

Wires	Ø from 0.3 mm to 5.0 mm, available as bunch or on spools
Rods bare	Ø from 1.0 mm to 4.0 mm, in length von 50 mm to 1,000 mm (standard 500 mm)
Rods coated	standard diameter 1.5 mm, 2.0 mm and 3.0 mm; standard 500 mm (available with different thickness of flux)
Bands	from 0.05 mm thickness, maximum width 70 mm
Preforms	made of wires as rings, sections or band components in any shape made of band as discs, shims, blanks, or bent components in any shape
Flux	according to EN 1045 and EN 29454 on request

Other dimensions and forms available on request.