

**Standards**

EN 1044 : B-Cu 40 ZnAgCd(-AG 309)

**Chemical Composition of  
Weld Metal % (Typical)**

Ag	Cu	Si	Cd	Zn
20.0	40.0	0.2	15.0	Rest

**Mechanical Properties**

Working Temperatures (°C)	Density (kg/dm <sup>3</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Elongation ((L <sub>0</sub> =5d <sub>0</sub> ) (%))	Melting Range (°C)
750	8.8	350 - 430	25	605 - 765

**Features and Applications**

- Used in copper and copper alloy. steel, stainless steel and nickel and nickel alloys brazing and joining of these materials each others
- Flux F-SH1 can be used and reducing flame must be chosen

**Welding Method**

Brazing

**Other Copper-Silver-Phosphor Brazing Rods**

GeKaTec L-Ag20FC, L-Ag30, L-Ag30FC, L-Ag40, L-Ag40FC, L-Ag55, L-Ag55FC

**Welding Positions**

**Operating Data**

Product Code	Diameter x Length (mm) / (inch)		Package Weight (Kg)
6031100279	1.5 x 500	1/16 x 20"	1
6031100062	2.0 x 500	5/64 x 20"	1
6031100280	3.0 x 500	1/8 x 20"	1

**Approvals:** GOST-R, SEPRO