

L-Ag2P

CATEGORY Brazing

TYPE Copper phosphorus silver brazing alloy.

APPLICATIONS Particularly recommended for sanitary, refrigerating and large tubing installations..Do not use in a sulphurous environment. For working temperatures up to 200°C

PROPERTIES Phosphorus silver brazing alloy. Self pickling on copper with good fluidability. Strong joints with good gap bridging properties.

CLASSIFICATION

| | |
|--------|----------------|
| AWS | A 5.8: BCuP-6 |
| EN ISO | 17672: CuP 279 |
| DIN | 8513: L-Ag2P |

SUITABLE FOR Phosphorus silver brazing alloy. Self pickling on copper. Copper to copper (without flux). Brass, copper and copper-tin alloys (with flux).

APPROVALS CE approved

WELDING POSITIONS:



FILLER METAL ANALYSIS %

| Ag | Cu | P |
|----|----|---|
| 2 | 92 | 6 |

MECHANICAL PROPERTIES

| Heat Treatment | R _{p0,2} (N/mm ²) | R _m (N/mm ²) | A ₅ (%) | Impact Energy (J) ISO-V | | | Melting range °C |
|----------------|--|-------------------------------------|--------------------|-------------------------|-------|-------|------------------|
| | | | | -20°C | -40°C | -60°C | |
| As brazed | | 250 | | | | | 645-800 |

BRAZING PARAMETERS / PACKING

| Sizes | | Flame type Adjustment | Optimum brazing Gab (mm) | Packing | |
|--------|-------------|-----------------------|--------------------------|--------------------|-------------|
| D (mm) | Length (mm) | | | kg / tube / carton | kg / spools |
| 1.5 | 500 | Neutral | 0.06-0.13 | 1 / 5 / 20 | 1 till 10 |
| 2.0 | 500 | Neutral | 0.06-0.13 | 1 / 5 / 20 | 1 till 10 |
| 3.0 | 500 | Neutral | 0.06-0.13 | 1 / 5 / 20 | 1 till 10 |

REDRYING TEMPERATURE not required

OTHER DELIVERY FORMS Customized rings and or strip for automatized brazing.