

Diminish the

5D'S

Dissolution. Dullness. Defects. Dross. Dollars.



K100LD LEAD-FREE ALLOY

Bar & Wire Solder

Ultrapure® K100LD Lead-Free Solder Bar

K100LD is a new patent-pending low-cost lead-free solder alloy for use in wave soldering, selective soldering, and tip tinning operations. K100LD has the Lowest Copper Dissolution amongst all common solder alloys, including SN63, SAC305, and other lead-free options. Kester K100LD provides the lowest cost for wave soldering operations. It also provides solder joints with no shrinkage effects, excellent through-hole penetration and topside fillet, and provides a low dross rate.

| Kester Part # | Alloy | Each Bar | Sold As |
|---------------|------------------|------------|---------|
| 04-9574-0050 | K100LD | 1 2/3 lbs. | 25 lbs. |
| 04-7068-0000 | Sn96.5Ag3.0Cu0.5 | 1 2/3 lbs. | 25 lbs. |

| Common Lead-Free Alloys | | |
|-------------------------|------------------|---------------------|
| *Alloys | Melt Temperature | Application |
| K100LD | ~227°C/441°F | Wave/Hand Soldering |
| Sn96.5Ag3.0Cu0.5 | 217°C/423°F | SMT/Hand/Wave |
| Sn96.5Ag3.5 | 221°C/430°F | SMT/Hand Soldering |

* These are the most common lead-free alloys used in the industry. Kester can also produce a multitude of lead-free alloys as specified by individual requirements.