

Super Low Dross™ Solder Bar Sn60/Pb40 1lb (454g)

Product Highlights

Precision Cast High Purity High Reliability Solder Bar
 Manufactured Specifically for High Quality Electronics Manufacturing (EMS, ECM, OEMs)
 Designed for Solder Pots, Wave Solder Machines and Selective Solder Machines
 Chip Quik® Super Low Dross™ Solder Bar is Ideal for Through Hole and Surface Mount Soldering
 High Purity



Specifications

Alloy: Sn60/Pb40
 Melting Point: 183-188°C (361-370°F)
 Packaging: 1 lb (454 +/-20 g) bar (Ships bagged. To ensure weight tolerance is met: Full bar and/or fractional bar segments may be combined in each bag.)
 Shelf Life: Indefinite

Purity

| Element | IPC J-STD-006C | ChipQuik® Super Low Dross™ BARSN60PB40 |
|---------------|----------------|--|
| Silver (Ag) | 0.100 % | < 0.100 % |
| Aluminum (Al) | 0.005 % | < 0.005 % |
| Arsenic (As) | 0.030 % | < 0.030 % |
| Gold (Au) | 0.050 % | < 0.050 % |
| Bismuth (Bi) | 0.100 % | < 0.100 % |
| Cadmium (Cd) | 0.002 % | < 0.002 % |
| Copper (Cu) | 0.080 % | < 0.080 % |
| Iron (Fe) | 0.020 % | < 0.020 % |
| Indium (In) | 0.100 % | < 0.100 % |
| Nickel (Ni) | 0.010 % | < 0.010 % |
| Lead (Pb) | 0.070 % | 40.000 % |
| Tin (Sn) | 0.250 % | 60.000 % |
| Zinc (Zn) | 0.003 % | < 0.003 % |
| Antimony (Sb) | 0.200 % | < 0.200 % |

Tolerances: +/-0.100% (Composition ≤ 1.000%), +/-0.200% (1.000% < Composition ≤ 5.000%), +/-0.500% (Composition > 5.000%)

Storage and Handling

Store in a dry non-corrosive environment.

Transportation

This product has no shipping restrictions.

Test Results

| Test J-STD-004 or other requirements as stated | Test Requirement | Result |
|--|--|--|
| Conflict Minerals Compliance | Electronic Industry Citizenship Coalition (EICC) | Compliant |
| REACH Compliance | Articles 33 and 67 of Regulation (EC) No 1907/2006 | Contains Lead (Pb) CAS# 7439-92-1 No other SVHC present |

Conforms to the following Industry Standards:

J-STD-006C, Amendments 1 & 2 (Solder Alloys and Fluxed/Non-Fluxed Solders): Yes
 RoHS 3 Directive (EU) 2015/863: No [Contains Lead (Pb)]

Available Alloys

| Leaded Alloys | Melting Point | Orderable Part Number | Size |
|----------------------|-----------------------|------------------------------|-------------|
| Sn63/Pb37 | 183°C (361°F) | BARSN63P37-8OZ | ½ lb |
| | | BARSN63P37 | 1 lb |
| Sn60/Pb40 | 183-188°C (361-370°F) | BARSN60P40-8OZ | ½ lb |
| | | BARSN60P40 | 1 lb |
| Sn62/Pb36/Ag2 | 179°C (354°F) | BARSN62PB36AG2-8OZ | ½ lb |
| | | BARSN62PB36AG2 | 1 lb |

| Lead Free Alloys | Melting Point | Orderable Part Number | Size |
|-------------------------|-----------------------|------------------------------|-------------|
| Sn96.5/Ag3.0/Cu0.5 | 217-220°C (423-428°F) | BARSN96.5AG3.0CU0.5-8OZ | ½ lb |
| | | BARSN96.5AG3.0CU0.5 | 1 lb |
| Sn99.3/Cu0.7 | 227°C (441°F) | BARSN99.3CU0.7-8OZ | ½ lb |
| | | BARSN99.3CU0.7 | 1 lb |
| Sn42/Bi57/Ag1 | 138°C (281°F) | BARSN42BI57AG1-8OZ | ½ lb |
| | | BARSN42BI57AG1 | 1 lb |