

SN63/PB37 SOLDER ALLOY

FEATURES

- Liquidus 183°C (361°F)
- High Purity
- Low Dross
- Exceeds IPC J-STD-006 Specifications

DESCRIPTION

Sn63/Pb37 Electropure™ is alloyed in a proprietary method resulting in a low drossing, high wetting solder. The Electropure process reduces suspended oxides in the solder, thus reducing drossing, improving flow, and reducing bridging during soldering. Applications include wave and selective soldering and plating where Sn63/Pb37 Electropure is primarily used as a coating for corrosion protection, and as a base for soldering.

AVAILABILITY

Sn63/Pb37 Electropure is available in 1.1 kg (2.5 lb) bars, 3 kg AIM Safety Bar and Solid Wire. Sn63/Pb37 Electropure is also available in AIM flux cored wire solder and solder paste.

TYPICAL ALLOY COMPOSITION

Typical Alloy Composition	
Sn: 63.0	Pb: 37.0

TYPICAL MELTING TEMPERATURE

Melting Temperature
183°C (361°F) Eutectic



HANDLING & STORAGE

Parameter	Time	Temperature
Shelf Life	Indefinite	Room Temperature

Indefinite shelf life applies to solid solder. For other product categories, refer to product specific TDSs. Consult AIM Sn63/Pb37 Electropure SDS for additional handling procedures and precautions.

FLUX COMPATIBILITY

Sn63/Pb37 Electropure bar solder is compatible with all RMA, no clean and water soluble electronic grade fluxes.

CLEANING

Refer to data sheets provided by the flux manufacturer.

SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.