



Sn63/Pb37



Electropure™ Solder Alloy

Features:

- High Purity
- Reduces Drossing
- Melting Temperature 183° C (361°F)
- Exceeds IPC-J-STD-006 Specifications

Description:

Sn63/Pb37 Electropure™ is a high purity alloy that is composed of 63% tin and 37% lead. Electropure™ is alloyed in a proprietary method that results 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. Sn63/Pb37 is a eutectic alloy with a melting point of 183°C (361°F). Typical applications are wave soldering and plating where Sn63/Pb37 is primarily used as a coating for corrosion protection, and as a base for soldering. This alloy is available in bar, solid and cored wire, foil, spheres, preforms, powder, solder paste, ingot, and anode form.

Flux Compatibility:

Sn63/Pb37 Electropure™ is compatible with most electronic grade fluxes.

Cleaning:

Refer to data sheets provided by the flux manufacturer.

Handling and Storage:

- If this alloy is used in water soluble cored wire, the product will have a shelf life of 3 years. All other cored wire, solid wire, and bar solder products have an indefinite shelf life.
- This product contains lead, which is known to be a toxic element. Consult the MSDS for specific handling procedures.

Safety:

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

Alloy Composition:

Sn: 63% ± 0.5%	Pb: Balance
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Typical Impurity Levels:

Ag: <0.01	Au: 0.003	Cu: <0.01	Ni: <0.001
Al: <0.001	Bi: 0.012	Fe: <0.002	Sb: 0.02
As : <0.01	Cd : <0.001	In : <0.004	Zn : <0.001

Canada +1-514-494-2000 · USA +1-401-463-5605 · Mexico +52-656-630-0032 · Europe +44-1737-222-258
 Asia-Pacific +86-755-2993-6487 · India +91-80-41554753 · info@aimsolder.com · www.aimsolder.com
 AIM IS ISO9001:2008 & ISO14001:2004 CERTIFIED

The information contained herein is based on data considered accurate and is offered at no charge. Product information is based upon the assumption of proper handling and operating conditions. All information pertaining to solder paste is produced with 45-micron powder. Liability is expressly disclaimed for any loss or injury arising out of the use of this information or the use of any materials designated. Please refer to <http://www.aimsolder.com/Home/TermsConditions.aspx> to review AIM's terms and conditions.