



TECHNICAL DATA SHEET

CATEGORY:

ALLOY

NAME:

40Sn/60Pb

FEATURES

- HIGH PURITY
- MELTING TEMPERATURE - 183°C-247°C

DESCRIPTION

40Sn/60Pb is composed of 40% Tin, and 60% Lead. This is a high purity alloy suitable for high temperature/high reliability interconnect applications with a melting point of 183°C – 247°C. 40Sn/60Pb typically is used in electronic assembly and high-temperature soldering applications. This alloy is available in solder paste, solid and cored wire, foil, preforms, powder, bar, ingot, and anode.

IMPURITY LEVELS TO IPC-JSTD-006 in Percent

Ag: 0.05	Au: 0.05	Cu: 0.08	Ni: 0.01
Al: 0.005	Bi: 0.10	Fe: 0.02	Sb: 0.05
As: 0.03	Cd: 0.002	In: 0.10	Zn: 0.003

MAJOR ALLOY INGREDIENTS in Percent

Sn 40% ± .50%	Pb Remainder
------------------	-----------------

HANDLING

- This product contains lead, which is known to be a toxic element. Consult the **Material Safety Data Sheet** for specific handling procedures.

FLUX COMPATIBILITY

- 60/40 is compatible with most 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 **Material Safety Data Sheet** for any specific emergency information.
- Do not dispose of any hazardous materials in non-approved containers.

The information contained herein is based on data considered accurate and is offered at no charge. No warranty is expressed or implied regarding the accuracy of this data. Liability is expressly disclaimed for any loss or injury arising out of the use of this information or the use of any materials designated.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[AIM - American Iron and Metal:](#)

[4909](#) [4915](#)