



# TECHNICAL DATA SHEET

CATEGORY: **ALLOY**  
 NAME: **63Sn/37Pb**

## FEATURES

- HIGH PURITY
- MELTING TEMPERATURE - 183°C

## DESCRIPTION

63Sn/37Pb is composed of 63% Tin, and 37% Lead. This is a eutectic alloy with a melting point of 183°C ( 361°F). Typical applications are plating, where 63/37 is primarily used as a coating for corrosion protection, and as a base for soldering. This alloy is available in solid and cored wire, foil, pre-forms, powder, solder paste, bar, ingot, and anode.

## IMPURITY LEVELS TO IPC-JSTD-006 in Percent

Ag: 0.10	Au: 0.05	Cu: 0.08	Ni: 0.01
Al: 0.005	Bi: 0.10	Fe: 0.02	Sb: 0.5
As: 0.03	Cd: 0.002	In: 0.10	Zn: 0.003

## MAJOR ALLOY INGREDIENTS in Percent

Sn 63% ± .50%	Pb Remainder
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## 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

- 67/37 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.

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