



Solder plus Support

# Babbitt # 2

## Solder Alloy

### Features:

- Tin-Based Babbitt
- Melting Temperature 240-355° C (466-669° F)

### Description:

AIM's Babbitt # 2 is composed of tin, antimony and copper. This is equivalent to ASTM B-23 #2. This alloy has a melting temperature of 240-355° C (466-669° F). Babbitt metal is used as the lining for bearing shells of cast iron, steel and bronze. Babbitt # 2 is a high tin Babbitt, which is typically used for high operating temperatures and high unit load. These materials display very good corrosion resistance, easy bonding and fewer tendencies for segregation and welding. They are preferred for use under steady load conditions in steam and gas turbines, electric motors, blowers and pumps.

### Major Alloy Ingredients:

Sn: 89%	Sb: 7.5%	Cu: 3.5%
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### Flux Compatibility:

Babbitt # 2 is compatible with most industrial 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.
- 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.

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