

## Pure Sn99.9 Solder Bar



### Product Description

All Asahi solder are manufactured using the highest quality raw materials available. As the electronics industry imposes very stringent demands on the quality of soldering materials, Singapore Asahi uses only Virgin Grade materials to produce solder products that exceed International Industrial Specifications requirement.

### Application

Pure Tin bar can be used for PCB dipping and component dipping purpose. Besides, it can also be used for HASL process and solder pot soaking to remove impurities.

### Storage

Store the solder alloy in a cool, dry and non-corrosive environment. Wrap up the solder bar when not in use to reduce exposure to environment. Solder alloy can be kept for 5 years if proper storage conditions are observed.

### Health & Safety

The product when use or handling maybe hazardous to health or environment. Please refer to Material Safety Data Sheet for more information.

### Packaging

Solder Bar: 25kg per box, Solid Wire: 20kg per roll (Diameter: 0.25, 0.3, 0.4, 0.5, 0.6, 0.8, 1.0, 1.2, 1.6, 2.0 and 3.0 mm). For any other packaging requirements, please refer to the sales department.

### Specification

Item	Result
Alloy Melting Temperature	232°C
DSC at 5 °C/min	
Density	7.30 g/cm <sup>3</sup>
Water Displacement Method	

### Alloy Composition

Main Composition		BS EN 610 (wt%)
Tin	Sn	99.85 min
Lead	Pb	0.050 max
Antimony	Sb	0.050 max
Bismuth	Bi	0.030 max
Copper	Cu	0.050 max
Arsenic	As	0.030 max
Cadmium	Cd	0.0010 max
Iron	Fe	0.010 max
Zinc	Zn	0.0010 max

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