

# Tin/Lead/Antimony Alloy Disk (Sn60/Pb39/Sb 1)

**Formula:** Sn60/Pb39/Sb 1

**Thickness:** 0.1mm

**Diameter:** 29.5mm

**UOM Code:** 109-066-18

**SKU:** 1000021775-group

**Product Code:** SN01-FL-000200

## Material Properties for Alloys

### Electrical Properties

Element	Value
Electrical resistivity( $\mu\text{Ohmcm}$ )	14.8

### Thermal Properties

Element	Value
Melting point( C )	183
Thermal conductivity( $\text{W m}^{-1} \text{K}^{-1}$ )	50.2@23
Thermal conductivity( $\text{W m}^{-1} \text{K}^{-1}$ )	50.2@23C
Coefficient of thermal expansion( $\times 10^{-6} \text{K}^{-1}$ )	24@15-110°C

### Physical Properties

Element	Value
Density( $\text{gcm}^{-3}$ )	8.42