

Antimonial Lead Alloy Foil (Light Tight) (Pb96/Sb 4)

Formula: Pb96/Sb 4

Temper: As Rolled

Thickness: 2mm

Length 1: 25mm

Length 2: 25mm

UOM Code: 549-856-41

SKU: 1000165969-group

Product Code: PB02-FL-000100

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Brinell	Aug-24
Elongation at break(%)	50
Tensile strength(MPa)	28-75

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	24

Thermal Properties

Element	Value
Melting point(C)	250-300
Thermal conductivity($\text{W m}^{-1} \text{K}^{-1}$)	30.5@23°C
Coefficient of thermal expansion($\times 10^{-6} \text{K}^{-1}$)	27.8@20-100°C

Physical Properties

Element	Value
Density(gcm^{-3})	11.04