Antimonial Lead Foil (Light Tight) (Pb96-Sb 4)

Antimonial lead alloy foil (light tight) (Pb96/Sb4) offers pinhole-free opacity, improved hardness, and creep resistance for radiation shielding, optical barriers, and chemical containment systems. **SKU:** 1000165969-group
Product Code: PB02-FL-000100

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Brinell	8-24
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(W m?¹ K?¹)	30.5@23°C
Coefficient of thermal expansion(x10?? K?¹)	27.8@20-100°C

Physical Properties

Element	Value
Density(gcm?³)	11.04