

Indium/Silver Alloy Spooled Wire (In97/Ag 3)

Formula: In97/Ag 3

Product Shape: Spooled

Diameter: 0.25mm

Length: 2m

Temper: As Drawn

UOM Code: 237-194-62

SKU: 1000099688-group

Product Code: IN13-WR-000130

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Brinell	2
Tensile strength(MPa)	5

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	7.5
Temperature coefficient(K^{-1})	-

Thermal Properties

Element	Value
Melting point(C)	143
Thermal conductivity($\text{W m}^{-1} \text{K}^{-1}$)	73@23°C
Coefficient of thermal expansion($\times 10^{-6} \text{K}^{-1}$)	22@20-100°C

Physical Properties

Element	Value
Density(gcm^{-3})	7.38