Indium-Silver Spooled Wire (In97-Ag3)

Indium silver alloy spooled wire (In97/Ag3) is a continuous wire combining low melting point and enhanced strength for precision soldering, bonding, and cryogenic sealing applications. **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(W m?¹ K?¹)	73@23°C
Coefficient of thermal expansion(x10?? K?¹)	22@20-100°C

Physical Properties

Element	Value
Density(gcm?³)	7.38