



SCIENTIFIC ALLOYS

SPHERES IN MOTION

Technical Data Sheet

97In 3Ag

Physical Properties:

Alloy: 97In 3Ag

Melting Point/Range: 146°C Eutectic

Tensile Strength: 0.8 Ksi

Specific Gravity: 7.38 g/cm³

Coefficient of Thermal Expansion: 22 x 10⁻⁶/°C

Application:

This alloy will retain the wettability and low temperature malleability of Indium with 3% Silver added for strength. These spheres can be useful in various cryogenic applications as well as connections that allow such low melting points.

Disclaimer:

This is for informational purposes only and assuming proper handling and operation is deemed accurate based on current data.