Polyimide Platinum-Tungsten Insulated Wire (Pt92-W8)

Polyimide?insulated Pt92/W8 wire offers noble?metal stability, tungsten strength, and thermal?resistant dielectric coating for propulsion?system sensors, vacuum?furnace feedthroughs, and high?temperature electrochemical research. **SKU:** 1000001475-group
Product Code: PT10-SW-000125

Material Properties for Precious Metals

Mechanical Properties

Element	Value
Elongation at break(%)	5
Modulus of elasticity(GPa)	230
Hardness - Vickers(kgf mm?^{2})	180
Tensile strength(MPa)	895-2070

Electrical Properties

Element	Value
Electrical resistivity(µOhmcm)	62-68
Temperature coefficient(K?^{1})	0.00025

Thermal Properties

Element	Value
Melting point(C)	1870-1910

Physical Properties

Element	Value
Density(gcm?^{3})	21.3