

Polyimide Platinum/Tungsten Alloy Insulated Wire (Pt92/W 8)

Formula: Pt92/W 8

Conductor Diameter: 0.025mm

Insulation: Polyimide

Insulation Thickness: 0.007mm

Length: 20m

UOM Code: 011-005-74

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