

Platinum/Rhodium Alloy Spooled Wire (Pt60/Rh40)

Formula: Pt60/Rh40

Product Shape: Spooled

Diameter: 0.125mm

Length: 0.2m

Temper: As Drawn

UOM Code: 005-278-80

SKU: 1000000688-group

Product Code: PT28-WR-000130

Material Properties for Precious Metals

Mechanical Properties

Element	Value
Elongation at break(%)	30
Hardness - Vickers(kgf mm ²)	115-150
Tensile strength(MPa)	569-588

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	17.5
Temperature coefficient(K ⁻¹)	0.0014

Thermal Properties

Element	Value
Maximum use temperature in air(C)	1700
Melting point(C)	2226

Physical Properties

Element	Value
Density(gcm ³)	17