

PtIr5

Hera 171

General information

Applications	dishes, spark plug electrodes
Product Forms	wire
Density, g/cm ³	21.5
Melting Point, °C	1780

Forming Processes

Age Hardenable	No
Material Behaviour	ductile

Physical properties

Conductivity, min., % IACS	8.43
Conductivity, max., % IACS	8.69
Temperature coefficient of resistance (0 - 100 °C) (x 10 ⁻⁴), annealed, K ⁻¹	
Young's Modulus, GPa	190

	Property Range
Hardness, HV	80 - 150
Tensile Strength, MPa	250 - 470
Yield Strength, MPa	150 - 450
Elongation, %	2 - 26

Contact

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