

PtIr30**Hera 175****General information**

Applications	Medical wire
Product Forms	wire
Density, g/cm ³	21.73
Melting Range, °C	1900 - 1930

Forming Processes

Age Hardenable	Yes
Material Behaviour	ductile
Forming Process	formable, machinable, can be roll clad

Chemical Properties

Comment	oxidation resistant to 1000°C
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Physical properties

Conductivity, min., % IACS	4.91
Conductivity, max., % IACS	5.06
Temperature coefficient of resistance (0 - 100 °C) (x 10 ⁻⁴), annealed, K ⁻¹	6.4
Young's Modulus, GPa	300
Modulus of Rigidity, GPa	97

	Property Range
Hardness, HV	260 - 380
Tensile Strength, MPa	900 - 1100
Yield Strength, MPa	700 - 1100
Elongation, %	1 - 20

Contact

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