PtW8

Hera 158

General information

Applications	spark plug electrodes, Resistance wire, Medical wire
Product Forms	wire
Density, g/cm³	21.26
Melting Range, °C	1865 - 1885

Forming Processes

Age Hardenable	No
Material Behaviour	ductile
Forming Process	formable, machinable, hardly formable

Chemical Properties

Comment	oxidation resistant to 1000°C

Physical properties

Conductivity, min., % IACS	2.77
Conductivity, max., % IACS	2.58

	Property Range
Hardness, HV	200 - 300
Tensile Strength, MPa	800 - 1100
Yield Strength, MPa	400 - 1000
Elongation, %	2 - 20

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