

### PtNi5

#### Hera 165

##### General information

Applications	spark plug electrodes, casting dishes
Product Forms	wire, spheres, strip
Density, g/cm <sup>3</sup>	10.04
Melting Range, °C	1700 - 1740

##### Physical properties

Conductivity, min., % IACS	7.05
Conductivity, max., % IACS	7.29
Temperature coefficient of resistance (0 - 100 °C) (x 10 <sup>-4</sup> ), annealed, K <sup>-1</sup>	17.9
Young's Modulus, GPa	176

	Property Range
Hardness, HV	150 - 290
Tensile Strength, MPa	500 - 1040
Yield Strength, MPa	300 - 1030
Elongation, %	1 - 22

##### Contact

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