

### PtNi10

#### Hera 166

##### General information

Applications	spark plug electrodes
Product Forms	spheres, strip, wire
Density, g/cm <sup>3</sup>	18.8
Melting Range, °C	1660 - 1700

##### Physical properties

Conductivity, min., % IACS	5.66
Conductivity, max., % IACS	5.77
Coefficient of Expansion (20 - 200 °C) (x 10 <sup>-6</sup> ), K <sup>-1</sup>	10.61
Young's Modulus, GPa	180
Modulus of Rigidity, GPa	74

Temper	Property Range
Hardness, HV	230 - 375
Tensile Strength, MPa	650 - 1230
Yield Strength, MPa	450 - 1200
Elongation, %	1 - 30

##### Contact

precious.metals@heraeus.com | www.heraeus-precious-metals.com  
 Heraeus Deutschland GmbH & Co. KG | Heraeusstrasse 12-14 | 63450 | Hanau | Germany



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