

### PdCu15

#### Hera 614

##### General information

Applications	sliding contacts, contacts
Product Forms	wire, strip
Density, g/cm <sup>3</sup>	11.39
Melting Range, °C	1370 - 1400

##### Forming Processes

Forming Process	can be roll clad
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##### Chemical Properties

Comment	corrosion resistant
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##### Physical properties

Conductivity, min., % IACS	4.27
Conductivity, max., % IACS	4.32
Coefficient of Expansion (20 - 200 °C) (x 10 <sup>-6</sup> ), K <sup>-1</sup>	12.31
Temperature coefficient of resistance (0 - 100 °C) (x 10 <sup>-4</sup> ), annealed, K <sup>-1</sup>	5
Young's Modulus, GPa	172
Modulus of Rigidity, GPa	50

	Property Range
Hardness, HV	110 - 240
Tensile Strength, MPa	400 - 780
Yield Strength, MPa	200 - 750
Elongation, %	> 20

##### Contact

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