

### AuAg25Pt6

#### Hera 248

##### General information

Applications	switching contacts, contacts, sliding contacts
Product Forms	wire
Density, g/cm <sup>3</sup>	16.04
Melting Range, °C	1050 - 1100

##### Forming Processes

Age Hardenable	No
Material Behaviour	ductile
Forming Process	formable, machinable, can be roll clad

##### Chemical Properties

Comment	corrosion resistant, oxidation resistant
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##### Physical properties

Conductivity, min., % IACS	10.49
Conductivity, max., % IACS	10.55
Temperature coefficient of resistance (0 - 100 °C) (x 10 <sup>-4</sup> ), annealed, K <sup>-1</sup>	5.4
Young's Modulus, GPa	93
Modulus of Rigidity, GPa	35

	Property Range
Hardness, HV	60 - 130
Tensile Strength, MPa	270 - 480
Yield Strength, MPa	120 - 470
Elongation, %	2 - 20

##### Contact

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