

AuAg25Pt6

Hera 248

General information

Applications	switching contacts, contacts, sliding contacts
Product Forms	wire
Density, g/cm ³	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
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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