

AuCu14Pt8.5Ag4 I similar to ASTM B451

Hera 249

General information

Applications	contacts, slip rings, sliding contacts
Product Forms	wire, strip
Density, g/cm ³	15.8
Melting Point, °C	930

Forming Processes

Age Hardenable	Yes
Forming Process	machinable

Chemical Properties

Comment	corrosion resistant
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Physical properties

Conductivity, min., % IACS	7.3
Conductivity, max., % IACS	7.9
Young's Modulus, GPa	100

	Annealed	Stress Relieved	Age Hardened	Property Range
Hardness, HV	160 - 230	260 - 330	290 - 360	160 - 360
Tensile Strength, MPa	580 - 760	850 - 1200	1000 - 1400	580 - 1400
Elongation, %	> 20	2 - 15	1 - 10	1 - 20

Contact

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