

PdCu31Ag29

Hera 6321

General information

Applications	probe needles
Product Forms	wire
Density, g/cm ³	10.4
Melting Range, °C	960 - 1040

Forming Processes

Forming Process	formable
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Physical properties

Conductivity, min., % IACS	8.1
Conductivity, max., % IACS	14
Thermal Conductivity at 20 °C, W/(m*K)	66
Young's Modulus, GPa	112
Current Carrying Capability (CCC)*, mA	380
Maximum Allowable Current (MAC)*, mA	290

*41 µm diameter, 8 mm length, flat tip and end, overtravel 75 µm, offset 250 µm, 120 s current cycle time, 10 s off-time between cycles, room temperature

	Property Range
Hardness, HV	400 - 450
Tensile Strength, MPa	1200 - 1700
Elongation, %	3 - 20

Contact

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