

Palysium C+

General information

Applications	probe needles, semiconductor probing, Springs
Product Forms	sheet
Density, g/cm ³	10.53
Melting Range, °C	1100 - 1190

Forming Processes

Material Behaviour	ductile
Forming Process	machinable, formable

Physical properties

Conductivity, min., % IACS	32
Conductivity, max., % IACS	35
Current Carrying Capability (CCC)*, mA	635
Maximum Allowable Current (MAC)*, mA	575

*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	350 - 450
Tensile Strength, MPa	1050 - 1250
Yield Strength, MPa	850 - 1100
Elongation, %	> 4

Contact

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