

### AgNi20

#### Hera 365

##### General information

Applications	switching contacts, contacts
Product Forms	wire, strip
Density, g/cm <sup>3</sup>	10.1
Melting Range, °C	960 - 1453

##### Forming Processes

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

##### Chemical Properties

Comment	sensitive to sulphur
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##### Physical properties

Conductivity, min., % IACS	74.78
Conductivity, max., % IACS	78.18
Coefficient of Expansion (20 - 100 °C) (x 10 <sup>-6</sup> ), K <sup>-1</sup>	16.77
Temperature coefficient of resistance (0 - 100 °C) (x 10 <sup>-4</sup> ), annealed, K <sup>-1</sup>	31
Young's Modulus, GPa	100
Modulus of Rigidity, GPa	34

	Property Range
Hardness, HV	60 - 110

##### Contact

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