HM10

Developed to offer a high density, non magnetic material for wear-resistant applications.

Typical Characteristics

dc Volume Resistivity	**10^9 ohm-cm**
Bulk Density	**5.26 g/cc**
X-Ray (Theoretical) Density	**5.27 g/cc**
Grain Size	**5 µm**
Hardness (Vickers)	**3700 Kg/mm^2 (10 Kg and 15 sec)**
Young's Modulus	**250 GPa**
Poisson's Ratio	**0.31**
Thermal Expansion	**11 ppm/ºC**
Thermal Conductivity	**W/cm·ºC**
	0.26 25 ºC
	0.25 50 ºC
	0.21 100 ºC
Heat Capacity	**J/Kg·ºC**
	640 25 ºC
	680 50 ºC
	730 100 ºC

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