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Al Brass C68700 Physical Properties : Aluminium Brass

Al-Brass C68700 Properties	US Customary	Metric
Coefficient of Thermal Expansion	10.3 ·10-6 per oF (68-572 F)	18.5 ·10-6 per oC (20-300 C)
Density	0.301 lb/in ³ at 68 F	8.33 gm/cm ³ @ 20 C
Electrical Conductivity	23 %IACS @ 68 F	0.135 MegaSiemens/cm @ 20 C
Electrical Resistivity	45.1 ohms-cmil/ft @ 68 F	7.5 microhm-cm @ 20 C
Melting Point - Liquidus	1780 F	971 C
Melting Point - Solidus	1710 F	932 C
Modulus of Elasticity in Tension	16000 ksi	110000 MPa
Modulus of Rigidity	6000 ksi	41370 MPa
Specific Gravity	8.33	8.33
Specific Heat Capacity	0.09 Btu/lb/oF at 68 F	377.1 J/kg/ · oK at 293 K
Thermal Conductivity	58.0 Btu · ft/(hr · ft ² ·oF)at 68F	100.4 W/m · oK at 20 C