

C84200 Leaded Red Brass

Chemical Composition % by weight

No.	Cu	Major chemical elements Pb	Ni	Sn	Standard & Name
1	78-82	2-3	Max 0.8	3-6	ASTM-B505

Room Temp Tensile & Hardness Data

No	Temper	Section Size	Tensile (KSI)	Yield (KSI)	Elongation IN HD
1	H02	to 2"	32	16	16

Physical Properties

- Melting Point - Liquidus 1820F
- Melting Point - Solidus 1540F
- Density.....0.311 lb/in³ at 68F
- Specific Gravity8.610
- Electrical Resistitiy63.30 ohms-cmil / ft @68F
- Electrical Conductivity16.4% IACS @68F
- Thermal Conductivity41.80 Btu -ft/(hr.ft² oF) @ 68F
- Coefficient of Thermal Expansion10.10 -10⁻⁶ per oF(68-572F)
- Modulus of Elasticity in Tension14000 KSI
- Modulus of Rigidity5600 KSI
- Machinability Rating80%

Typical Uses



All CHENYEE Products are covered under 1 year limited warranty