

**C84400 Leaded Semi Red Brass**

**Chemical Composition % by weight**

No.	Major chemical elements				Standard & Name
	Cu	Pb	Sn	Other	
1	78-82	6-8	2.3-3.5	-	ASTM B-505

**Room Temp Tensile & Hardness Data**

No	Temper	Section Size	Tensile (KSI)	Yield (KSI)	Elongation IN HD
1	H02	to 2"	30	15	16

**Physical Properties**

Melting Point - Liquidus .....	1840F
Melting Point - Solidus .....	1549F
Density.....	0.314 lb/in <sup>3</sup> at 68F
Specific Gravity .....	8.690
Electrical Resistivity .....	63.30 ohms-cmil / ft @68F
Electrical Conductivity .....	16.4% IACS @68F
Thermal Conductivity .....	41.80 Btu -ft/(hr.ft <sup>2</sup> oF) @ 68F
Coefficient of Thermal Expansion .....	10.10 -10 <sup>-6</sup> per oF(68-572F)
Modulus of Elasticity in Tension .....	13000 KSI
Modulus of Rigidity .....	5600 KSI
Machinability Rating .....	90%

**Typical Uses**



All CHENYEE Products are covered under 1 year limited warranty

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