

C64750

PMC 26

Chemical Composition

	Nominal Wt.% C64750
Copper	Remainder
Nickel	.5 -3.0
Silicon	0.1 – 0.7
Tin	0.05 – 0.8
Iron	1.0
Zinc	1.0
Magnesium	≤0.1
Phosphorus	≤0.1
Zirconium	≤0.1

Physical Properties

	US Customary Unit
Density (lbs/in ³ @68 °F)	0.322
Conductivity (Annealed) (% IACS @ 68 °F)	40
Electrical Resistivity (Annealed) (Btu•ft/ft ² •hr• °F) @68 °F	90
Modulus of Elasticity	19,500,000

Mechanical Properties

(US Customary Units)

	Temper			
	H03	H04	H06	H06M
Tensile Strength (ksi)	77-90	87-97	87 min	99-119
Yield Strength (ksi)	68 min	78 min	83 min	94 min
Elongation (%)	12 min	8 min	6 min	3 min

Bend Properties

	Temper		
	H03	H04	H06
Goodway – (min. R/T)	0	0.5	1.0
Badway – (min. R/T)	0.5	1.0	1.5

Details released herein are believed to be accurate at the time of issue and are considered for general information only. Use of this information is to be at the consumer's discretion.

