

Copper Nickel

		Composition (% maximum except as indicated)													Sand Cast Mechanical			Pour Temperature		ASTM	
Copper Alloy Number	Ingot Number	Cu	Sn	Pb	Zn	Fe	Ni	Si	Al	Mn	P	S	Nb	C	Total Named Elements	Tensile ksi	Yield ksi	Elongation %	Light Castings	Heavy Castings	
C96200	90/10 Cu/Ni	84.5-87.0		0.005		1.0-1.8	9.0-11.0	0.25		0.8-1.5	0.02	0.02	1.0	0.05	99.5	45	25	20	2400-2500	2250-2400	B369
C96400	70/30 Cu/Ni	65.0-67.0		0.005		0.25-1.0	29.5-31.5	0.30-0.50		0.8-1.5	0.02	0.02	0.50-1.5	0.05	99.5	60	32	20	2500-2700	2350-2500	B369, B505/B505M