



PRECISION CASTINGS

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## Copper Base

Alloy Type	Similar Designation	Condition	Hardness Min.	Ultimate Tensile Strength psi	Yield Strength psi	Elongation % in 1 in.	Remarks	Castability	Resistance to Hot Tearing	Shrinkage	Fluidity
Everdur	C87300	As Cast		45,000	18,000	20	Excellent Castability	100	A	A	A
13-B Silicon Brass	C87500 13-B	As Cast	R <sub>B</sub> 55	60,000	35,000	16	Good Castability	100	A	A	A

## Copper Base

Carbon	Manganese	Silicon	Chromium	Molybdenum	Nickel	Tungsten	Cobalt	Phosphorous	Sulfur	Vanadium	Iron	Copper	Aluminum	Zinc	Titanium	Magnesium	Other
	.80 1.50	3.5 4.5									0.20	Bal.					0.25
		3.0 5.0										Bal.		0.50			