

# C95900

US EPA Registered Antimicrobial

## Chemical Composition

(%max., unless shown as range or min.)

	Cu	Al	Fe	MnNi <sup>(1)</sup>	
Min./Max.	Rem.	12.0-13.5	3.0-5.0	1.5	.50
Nominal	-	12.7	4.0	-	-

(1) Ni value includes Co.

Note: Cu + Sum of Named Elements, 99.5% min.

## Mechanical Properties (measured at room temperature, 68 F (20 C))

Temper	Section Size	Cold Work	Typ/Min	Temp	Tensile Strength	Yield	Yield	Yield	Rockwell Hardness	Vickers Hard.	Brinell Hard.	Shear Strength	Fatigue Strength*	Izod Impact Strength				
						Strength (0.5% ext. under load)	Strength (0.2% offset)	Strength (0.05% offset)										
	in.	%		F	ksi	ksi	ksi	ksi	%B	C	F	30T	500	500	3000	ksi	ksi	ft-lb
	mm.		C	MPa	MPa	MPa	MPa	MPa							MPa	MPa		J
<b>As Centrifugal Cast</b>																		
M02	0.0	0	SMIN	68	-	-	-	-	-	-	-	241	-	-	-	-	-	0.0
	0.0			20	-	-	-	-	-	-	-	241	-	-	-	-	-	0.0
<b>As Continuous Cast</b>																		
M07	0.0	0	SMIN	68	-	-	-	-	-	-	-	241	-	-	-	-	-	0.0
	0.0			20	-	-	-	-	-	-	-	241	-	-	-	-	-	0.0
<b>As Sand Cast</b>																		
M01	0.0	0	SMIN	68	-	-	-	-	-	-	-	241	-	-	-	-	-	0.0
	0.0			20	-	-	-	-	-	-	-	241	-	-	-	-	-	0.0

\*Fatigue Strength:  $100 \times 10^6$  cycles, unless indicated as  $[N] \times 10^6$ .

Physical Properties No information available