

### MECHANICAL and PHYSICAL PROPERTIES ASTM B148 - UNS C95500

			Tensile strength Minimum		Yield strength Minimum		Elongation Minimum	Hardness Brinell		Thermal Conductivity	Electrical Conductivity	Density
			Mpa	ksi	Mpa	ksi	%	HB 5/250/30		W/m <sup>°</sup> K	IACS	kg/dm <sup>3</sup>
Cu	78,00 min	EXTRUDED	620	90	275	40	6	190	210	min. 38	min. 10	7,5
Al	10,00 - 11,50											
Fe	3,00 - 5,00											
Mn	3,50 max											
Ni+Co	3,00 - 5,50	FORGED	620	90	275	40	6	190	230	min. 38	min. 10	7,5
Si	-											
Pb	-											
Altro	max 0,1											

### MECHANICAL and PHYSICAL PROPERTIES ASTM B148 - UNS C95800

			Tensile strength Minimum		Yield strength Minimum		Elongation Minimum	Hardness Brinell		Thermal Conductivity	Electrical Conductivity	Density
			Mpa	ksi	Mpa	ksi	%	HB 5/250/30		W/m <sup>°</sup> K	IACS	kg/dm <sup>3</sup>
Cu	79,00 min	EXTRUDED	585	85	240	35	15	180	200	min. 39	min. 10	7,5
Al	8,50 - 9,50											
Fe	3,50 - 4,50											
Mn	0,80 - 1,50											
Ni+Co	4,00 - 5,00	FORGED	585	85	240	35	15	180	220	min. 39	min. 10	7,5
Si	0,10 max											
Pb	0,03 max											
Altro	max 0,1											