NICKEL PLATED

ASTM B355

→ Standards are norms ASTM, NF, DIN, BS, MIL... or customer requests
→ From 0.2 to 10 % of total weight
→ Requirements of solderability available on request

Base Material	Chemical composition in %	Density (g/cm³)	Resistivity (*) @20°C µOhm.cm	Hard daN/mm²	Soft daN/mm²	○ Solid mm	Strand / Rope mm²	Ribbon Bobbins
ETP Copper	**Cu 99,9%**	**8,93**	**1,796 class 2 1,834 class 4 1,894 class 7**	**45**	**24**	**0,050 to 2,500**	**0,015 to 85**	
OF Copper	Cu 99,95% O2 < 15ppm	8,93	1,796 class 2 1,834 class 4 1,894 class 7	45	24	0,050 to 2,500	0,015 to 85	
Green 6™ (RoHS) High Strength Copper Alloy	**Cu 99% Mg < 1%**	**8,93**	**2,155**	**68**	**40**	**0,080 to 0,800**	**0,035 to 2,50**	
Copper Clad Aluminum CCA 15%	**Cu 15% by volume Al Balance**	**3,63 to 3,84**	**2,78**	**20**	**17**	**0,127 to 1,00**	**0,080 to 85**	**-**
Copper Clad Steel 40% IACS	Cu thickness 10% of the wire radius	8,13	4,397	75,8	34,5	0,100 to 0,800	0,035 to 0,600	-
Bronze 6	Sn 6% P 0,15% Cu Balance	8,85	11,9	100	44	0,200 to 1,000	-	-

(*) soft conditions

NICKEL PLATED

ASTM B355 Class 27

→ Standards are norms ASTM, NF, DIN, BS, MIL... or customer requests
→ Plating is 27 % of total weight
→ Requirements of solderability available on request

Base Material	Chemical composition in %	Density (g/cm³)	Resistivity (*) @20°C µOhm.cm	Hard daN/mm²	Soft daN/mm²	○ Solid mm	Strand / Rope mm²	Ribbon Bobbins
ETP Copper	**Cu 99,9%**	**8,93**	**2,428**	**45**	**24**	**0,120 to 0,800**	**0,140 to 6,000**	
OF Copper	Cu 99,95% O2 < 15ppm	8,93	2,428	45	24	0,120 to 0,800	0,140 to 6,000	
Green 6™ (RoHS) High Strength Copper Alloy	**Cu 99% Mg < 1%**	**8,93**	**2,56**	**70'**	**40**	**0,120 to 0,800**	**0,120 to 2,500**	

(*) soft conditions