

Nickel Alloys	(% IACS)	(Ohm-m)
Nickel 200	18.15	9.50E-08
Nickel 201	20.28	8.50E-08
Nickel 205	18.15	9.50E-08
Nickel 211	10.20	1.69E-07
Nickel 212	15.82	1.09E-07
Nickel 222	19.59	8.80E-08
Nickel 270	22.99	7.50E-08
Duranickel 301 (precipitation hardened)	4.07	4.24E-07
Alloy 400	3.15	5.47E-07
Alloy 401	3.53	4.89E-07
Alloy R-405	3.38	5.10E-07
Alloy 450	4.18	4.12E-07
Alloy K-500 (precipitation hardened)	2.80	6.15E-07
Alloy 230	1.38	1.25E-06
Alloy 600	1.67	1.03E-06
Alloy 601	1.45	1.19E-06
Alloy 617 (solution annealed)	1.41	1.22E-06
Alloy 625	1.34	1.29E-06
Alloy 690	1.50	1.15E-06
Alloy 718 (precipitation hardened)	1.38	1.25E-06
Alloy X750	1.41	1.22E-06
Alloy 751	1.41	1.22E-06
Alloy C-276	1.33	1.30E-06
Alloy HX (solution annealed)	1.49	1.16E-06
Alloy S (solution annealed)	1.35	1.28E-06
Alloy X	1.46	1.18E-06
Alloy 556	1.81	9.52E-07
Alloy 800	1.74	9.89E-07
Alloy 825	1.53	1.13E-06
Alloy 925	1.48	1.17E-06
20Cb3	1.59	1.08E-06
20Mo-4	1.63	1.06E-06
20Mo-6	1.59	1.08E-06
Alloy 902 (precipitation hardened)	1.69	1.02E-06
Alloy 903 (precipitation hardened)	2.83	6.10E-07
Alloy 907 (precipitation hardened)	2.47	6.97E-07
Alloy 909 (precipitation hardened)	2.37	7.28E-07
18% Nickel Sil	6.00	2.87E-07
Titanium	(% IACS)	(Ohm-m)
Titanium	3.10	5.56E-07
Titanium	2.20	7.84E-07
ASTM grades 1, 2, 3, 4, 7, and 11	3.3-4.1	4.2E-7--5.2E-7
Ti-5Al-2.5Sn	1.10	1.57E-06

Ti-5Al-2.5Sn (low O2)	0.96	1.80E-06
Ti-8Al-1Mo-1V	0.87	1.99E-06
Ti-11Sn-1Mo2.25Al-5.0Zr-1Mo-0.2Si	1.06	1.62E-06
Ti-6Al-2Sn-4Zr-2Mo	0.91	1.90E-06
IMI 685	1.03	1.68E-06
Ti-8Mn	1.87	9.20E-07
Ti-6Al-4V	1.01	1.71E-06
Ti-6AL-4V	1.00	1.72E-06
Ti-6Al-6V-2Sn	1.10	1.57E-06
Ti-7Al-4Mo	1.01	1.70E-06
IMI 550	1.09	1.58E-06
Ti-11.5Mo-Zr-4.5Sn	1.11	1.56E-06
Ti-15V-3Cr-3Al-3Sn	1.17	1.47E-06