

<b>Steel Alloys</b>	<b>(% IACS)</b>	<b>(Ohm-m)</b>
Iron	18.00	9.58E-08
Iron Ignot (99.9% Fe)	15.60	1.11E-07
Low-carbon white iron	3.25	5.30E-07
Martensitic nickel-chromium iron	2.16	8.00E-07
High-silicon iron	3.45	5.00E-07
High-nickel iron	1.0-1.2	1.4E-6--1.7E-6
Nickel-chromium-silicon iron	1.0-1.2	1.5E-6--1.7E-6
High-aluminum iron	0.72	2.40E-06
Medium-silicon ductile iron	2.0-3.0	5.8E-7--8.7E-7
High-nickel ductile (20% Ni)	1.69	1.02E-06
<b>Carbon and Low-Alloy Steel</b>		
1008 (Annealed)	11.81	1.46E-07
1010	12.06	1.43E-07
1015 (Annealed)	10.84	1.59E-07
1016 (Annealed)	10.78	1.60E-07
1018 (Annealed)	10.84	1.59E-07
1020	10.84	1.59E-07
1022 (Annealed)	10.84	1.59E-07
1025 (Annealed)	10.84	1.59E-07
1029 (Annealed)	10.78	1.60E-07
1030 (Annealed)	10.39	1.66E-07
1035 (Annealed)	10.58	1.63E-07
1040 (Annealed)	10.78	1.60E-07
1042 (Annealed)	10.08	1.71E-07
1043 (Annealed)	10.58	1.63E-07
1045 (Annealed)	10.64	1.62E-07
1046	10.58	1.63E-07
1050 (Annealed)	10.58	1.63E-07
1055	10.58	1.63E-07
1060	9.58	1.80E-07
1065	10.58	1.63E-07
1070	10.26	1.68E-07
1078 (Annealed)	9.58	1.80E-07
1080	9.58	1.80E-07
1095	9.58	1.80E-07
1137	10.14	1.70E-07
1141	10.14	1.70E-07
1151	10.14	1.70E-07
1524	8.29	2.08E-07
1524 (Annealed)	10.78	1.60E-07
1552	10.58	1.63E-07
4130 (Hardened and tempered)	7.73	2.23E-07
4140 (Hardened and tempered)	7.84	2.20E-07
4626 (Normalized and tempered)	8.62	2.00E-07

4815	6.63	2.60E-07
5132	8.21	2.10E-07
5140 (Hardened and tempered)	7.56	2.28E-07