

Conductivity and Resistivity Values for Aluminum & Alloys

| Material | Conductivity | | Resistivity | Reference | Notes |
|-----------------------------------|--------------|-------------|-------------|----------------|-------|
| | (% IACS) | (Siemens/m) | (Ohm-m) | (See Endnotes) | |
| Aluminum | | | | | |
| Pure | 61.00 | 3.538E+07 | 2.826E-08 | ECTM | |
| 99.99% | 64.94 | 3.767E+07 | 2.655E-08 | CSNDT | |
| 99.99% | 64.94 | 3.767E+07 | 2.655E-08 | ALASM | |
| Red X-8 Cond. Stress Relieved | 29.00 | 1.682E+07 | 5.945E-08 | CSNDT | |
| Red X-8 As Cast | 26.00 | 1.508E+07 | 6.631E-08 | CSNDT | |
| 11S Cond. T3 | 40.00 | 2.320E+07 | 4.310E-08 | CSNDT | |
| 13 | 39.00 | 2.262E+07 | 4.421E-08 | CSNDT | |
| 14S Cond. "0" | 50.00 | 2.900E+07 | 3.448E-08 | CSNDT | |
| 14S Cond. T6 | 40.00 | 2.320E+07 | 4.310E-08 | CSNDT | |
| 17S Cond. "0" | 45.00 | 2.610E+07 | 3.831E-08 | CSNDT | |
| 17S Cond. T4 | 30.00 | 1.740E+07 | 5.747E-08 | CSNDT | |
| 18S Cond. "0" | 50.00 | 2.900E+07 | 3.448E-08 | CSNDT | |
| 18S Cond. T61 | 40.00 | 2.320E+07 | 4.310E-08 | CSNDT | |
| 2S Cond. "0" | 59.00 | 3.422E+07 | 2.922E-08 | CSNDT | |
| 2S Cond. H18 | 57.00 | 3.306E+07 | 3.025E-08 | CSNDT | |
| 24S Cond. "0" | 50.00 | 2.900E+07 | 3.448E-08 | CSNDT | |
| 24S Cond. T4 | 30.00 | 1.740E+07 | 5.747E-08 | CSNDT | |
| 24S Cond. T6 | 40.00 | 2.320E+07 | 4.310E-08 | CSNDT | |
| 3S Cond. "0" | 50.00 | 2.900E+07 | 3.448E-08 | CSNDT | |
| 3S Cond. H 12 | 42.00 | 2.436E+07 | 4.105E-08 | CSNDT | |
| 3S Cond. H 14 | 41.00 | 2.378E+07 | 4.205E-08 | CSNDT | |
| 3S Cond. H 18 | 40.00 | 2.320E+07 | 4.310E-08 | CSNDT | |
| 32S Cond. "0" | 40.00 | 2.320E+07 | 4.310E-08 | CSNDT | |
| 32S Cond. T6 | 35.00 | 2.030E+07 | 4.926E-08 | CSNDT | |
| 40E | 35.00 | 2.030E+07 | 4.926E-08 | CSNDT | |
| 43 (Annealed) | 42.00 | 2.436E+07 | 4.105E-08 | CSNDT | |
| 43 As Cast | 37.00 | 2.146E+07 | 4.660E-08 | CSNDT | |
| A51S Cond. "0" | 55.00 | 3.190E+07 | 3.135E-08 | CSNDT | |
| A51S Cond. T4 and T6 | 45.00 | 2.610E+07 | 3.831E-08 | CSNDT | |
| 52S Cond. "0" and H 38 | 35.00 | 2.030E+07 | 4.926E-08 | CSNDT | |
| 53S Cond. "0" | 45.00 | 2.610E+07 | 3.831E-08 | CSNDT | |
| 53S Cond. T4 and T6 | 40.00 | 2.320E+07 | 4.310E-08 | CSNDT | |
| 56S Cond. "0" | 29.00 | 1.682E+07 | 5.945E-08 | CSNDT | |
| 56S Cond. H 38 | 27.00 | 1.566E+07 | 6.386E-08 | CSNDT | |
| 61S Cond. "0" | 45.00 | 2.610E+07 | 3.831E-08 | CSNDT | |
| 61S Cond. T4 and T6 | 40.00 | 2.320E+07 | 4.310E-08 | CSNDT | |
| 75S Cond. T6 | 30.00 | 1.740E+07 | 5.747E-08 | CSNDT | |
| 85 | 28.00 | 1.624E+07 | 6.158E-08 | CSNDT | |
| Aluminum Allcast | | | | | |
| As Cast | 27.00 | 1.566E+07 | 6.386E-08 | CSNDT | |
| Cond. Sol. H.T. & Stress Relieved | 36.00 | 2.088E+07 | 4.789E-08 | CSNDT | |
| Sol H.T. and Aged | 30.00 | 1.740E+07 | 5.747E-08 | CSNDT | |
| Stress Relieved | 30.00 | 1.740E+07 | 5.747E-08 | CSNDT | |

| Aluminum Alloy (Wrought) | | | | | |
|----------------------------------|---------------|-----------|-----------|---------|---|
| 1050-O | 61.30 | | 2.810E-08 | ALASM | |
| 1060-O | 62.00 | | 2.780E-08 | ALASM | |
| 1060-H18 | 61.00 | | 2.780E-08 | ALASM | |
| 1100 | 57.00 - 61.80 | 3.445E+07 | 2.903E-08 | NDT Mag | |
| 1100-O | 59.00 | | 2.920E-08 | ALASM | |
| 1100-H18 | 57.00 | | 3.020E-08 | ALASM | |
| 1145-O | 61.00 | | 2.830E-08 | ALASM | |
| 1145-H18 | 60.00 | | 2.830E-08 | ALASM | |
| 1199-O | 64.50 | | 2.670E-08 | ALASM | |
| 1350-O | 61.80 | | 2.790E-08 | ALASM | |
| 1350-Hx | 61.00 | | 2.820E-08 | ALASM | |
| 2011-T3 | 36.00 - 36.50 | 2.103E+07 | 4.756E-08 | NDT Mag | |
| 2011-T3 and T4 | 39.00 | | 4.400E-08 | ALASM | |
| 2011-T8 | 45.00 | | 3.800E-08 | ALASM | |
| 2014-F and -O | 48.60 - 50.70 | 2.880E+07 | 3.473E-08 | NDT Mag | |
| 2014-O | 50.00 | | 3.400E-08 | ALASM | |
| 2014-T3 and -T4 | 32.50 - 34.80 | 1.952E+07 | 5.124E-08 | NDT Mag | |
| 2014-T3, T4, and T451 | 34.00 | | 5.100E-08 | ALASM | |
| 2014-T6 | 38.00 - 39.70 | 2.253E+07 | 4.438E-08 | NDT Mag | |
| 2014-T6, T651, and T652 | 40.00 | | 4.300E-08 | ALASM | |
| 2017-F | 49.30 - 49.50 | 2.865E+07 | 3.490E-08 | NDT Mag | |
| 2017-O | 50.00 | | 3.500E-08 | ALASM | |
| 2017-T4 | 34.00 | | 5.000E-08 | ALASM | |
| 2024-F | 46.80 - 48.50 | 2.764E+07 | 3.618E-08 | NDT Mag | |
| 2024-O | 50.00 | | 3.400E-08 | ALASM | |
| 2024-T3 | 28.60 - 36.10 | 1.876E+07 | 5.330E-08 | NDT Mag | |
| 2024-T36 | 29.10 - 29.50 | 1.699E+07 | 5.884E-08 | NDT Mag | |
| 2024-T3, T36, T351, T361, and T4 | 30.00 | | 5.700E-08 | ALASM | |
| 2024-T4 | 28.80 - 31.00 | 1.734E+07 | 5.766E-08 | NDT Mag | |
| 2024-T6, T81, T851, and T861 | 38.00 | | 4.500E-08 | ALASM | |
| 2036-O | 52.00 | | 3.320E-08 | ALASM | |
| 2036-T4 | 41.00 | | 4.210E-08 | ALASM | |
| 2048-T851 | 42.00 | | 4.000E-08 | ALASM | |
| 2124-O | 50.00 | | 3.450E-08 | ALASM | |
| 2124-T851 | 39.00 | | 4.421E-08 | ALASM | resistivity converted from conductivity-- |
| 2127-T4 | 42.10 - 42.40 | 2.451E+07 | 4.081E-08 | NDT Mag | |
| 2218-T61 | 37.40 | 2.169E+07 | 4.610E-08 | NDT Mag | |
| 2218-T61 | 38.00 | | 4.500E-08 | ALASM | |
| 2218-T72 | 40.00 | | 4.300E-08 | ALASM | |
| 2219-O | 44.00 | | 3.900E-08 | ALASM | |
| 2219-T31, T37, and T351 | 28.00 | | 6.200E-08 | ALASM | |
| 2219-T62, T81, T87, and T851 | 30.00 | | 5.700E-08 | ALASM | |
| 2319-O | 44.00 | | 3.900E-08 | ALASM | |
| 2618 | 40.20 | 2.332E+07 | 4.289E-08 | NDT Mag | |
| 2618-T61 | 37.00 | | 4.700E-08 | ALASM | |

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|-------------------|---------------|-----------|-----------|---------|--|
| 3003-O | 44.70 - 49.80 | 2.741E+07 | 3.649E-08 | NDT Mag | |
| 3003-O | 50.00 | | 3.400E-08 | ALASM | |
| 3003-H14 and -H12 | 37.80 - 51.50 | 2.590E+07 | 3.861E-08 | NDT Mag | |
| 3003-H12 | 42.00 | | 4.100E-08 | ALASM | |
| 3003-H14 | 41.00 | | 4.200E-08 | ALASM | |
| 3003-H18 | 40.00 | | 4.300E-08 | ALASM | |
| 3003-H24 and -H28 | 37.80 - 47.50 | 2.474E+07 | 4.043E-08 | NDT Mag | |
| 3004 | 39.40 - 43.50 | 2.404E+07 | 4.160E-08 | NDT Mag | |
| 3004-O | 42.00 | | 4.100E-08 | ALASM | |
| X3005-O | 50.10 - 50.30 | 2.912E+07 | 3.435E-08 | NDT Mag | |
| 3105-O | 45.00 | | 3.830E-08 | ALASM | |
| 4032-O | 40.00 | | 4.310E-08 | ALASM | |
| 4032-T6 | 35.30 - 36.30 | 2.076E+07 | 4.816E-08 | NDT Mag | |
| 4032-T6 | 36.00 | | 4.790E-08 | ALASM | |
| 4043-F | 52.30 - 54.30 | 3.091E+07 | 3.235E-08 | NDT Mag | |
| 4043-O | 42.00 | | 4.100E-08 | ALASM | |
| 5005 | 52.30 - 52.80 | 3.048E+07 | 3.281E-08 | NDT Mag | |
| 5005-O and H38 | 52.00 | | 3.320E-08 | ALASM | |
| 5050 | 48.30 - 49.80 | 2.845E+07 | 3.515E-08 | NDT Mag | |
| 5050-O and H38 | 50.00 | | 3.400E-08 | ALASM | |
| 5052 | 33.60 - 37.60 | 2.065E+07 | 4.843E-08 | NDT Mag | |
| 5052-O and H38 | 35.00 | | 4.930E-08 | ALASM | |
| 5056 | 28.10 - 29.80 | 1.679E+07 | 5.956E-08 | NDT Mag | |
| 5056-O | 29.00 | | 5.900E-08 | ALASM | |
| 5056-H38 | 27.00 | | 6.400E-08 | ALASM | |
| 5083 | 29.00 | | 5.950E-08 | ALASM | |
| 5086 | 31.00 | | 5.600E-08 | ALASM | |
| 5154 | 30.50 - 32.80 | 1.836E+07 | 5.448E-08 | NDT Mag | |
| 5154 | 32.00 | | 5.390E-08 | ALASM | |
| 5182 | 31.00 | | 5.560E-08 | ALASM | |
| 5252 | 35.00 | | 4.900E-08 | ALASM | |
| 5254 | 32.00 | | 5.400E-08 | ALASM | |
| 5356-O | 29.00 | | 5.940E-08 | ALASM | |
| 5357 | 42.30 - 47.00 | 2.590E+07 | 3.861E-08 | NDT Mag | |
| 5454 | 34.00 | | 5.100E-08 | ALASM | |
| 5456 | 29.00 | | 5.950E-08 | ALASM | |
| 5457 | 46.00 | | 3.750E-08 | ALASM | |
| 5652 | 35.00 | | 4.900E-08 | ALASM | |
| 5657 | 54.00 | | 3.200E-08 | ALASM | |
| 6005-T5 | 49.00 | | 3.500E-08 | ALASM | |
| 6009-O | 54.00 | | 3.190E-08 | ALASM | |
| 6009-T4 | 44.00 | | 3.920E-08 | ALASM | |
| 6009-T6 | 47.00 | | 3.670E-08 | ALASM | |
| 6010-O | 53.00 | | 3.250E-08 | ALASM | |
| 6010-T4 | 39.00 | | 4.420E-08 | ALASM | |
| 6010-T6 | 44.00 | | 3.920E-08 | ALASM | |
| 6053 | 39.30 - 48.00 | 2.532E+07 | 3.950E-08 | NDT Mag | |

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|---------------------------------|---------------|-----------|----------------|---------|---|
| 6061-F and -0 | 42.30 - 48.50 | 2.633E+07 | 3.798E-08 | NDT Mag | |
| 6061-O | 47.00 | | 3.700E-08 | ALASM | |
| 6061-T4 | 37.60 - 40.50 | 2.265E+07 | 4.415E-08 | NDT Mag | |
| 6061-T4 | 40.00 | | 4.300E-08 | ALASM | |
| 6061-T6 and -T9 | 40.00 - 44.80 | 2.459E+07 | 4.066E-08 | NDT Mag | |
| 6061-T6 | 43.00 | | 4.000E-08 | ALASM | |
| 6062-F | 47.00 - 51.00 | 2.842E+07 | 3.519E-08 | NDT Mag | |
| 6062-T4 | 43.50 - 44.00 | 2.538E+07 | 3.941E-08 | NDT Mag | |
| 6062-T6 | 44.70 - 49.50 | 2.732E+07 | 3.661E-08 | NDT Mag | |
| 6063-O | 58.00 | | 3.000E-08 | ALASM | |
| 6063-T1 | 50.00 | | 3.500E-08 | ALASM | |
| 6063-T5 | 55.00 | | 3.200E-08 | ALASM | |
| 6063-T6 and T83 | 53.00 | | 3.300E-08 | ALASM | |
| 6066-O | 40.00 | | 4.300E-08 | ALASM | |
| 6066-T6 | 37.00 | | 4.700E-08 | ALASM | |
| 6070-T6 | 44.00 | | 3.900E-08 | ALASM | |
| 6101-T6 | 57.00 | | 3.020E-08 | ALASM | |
| 6101-T61 | 59.00 | | 2.920E-08 | ALASM | |
| 6101-T63 | 58.00 | | 2.970E-08 | ALASM | |
| 6101-T64 | 60.00 | | 2.870E-08 | ALASM | |
| 6101-T65 | 58.00 | | 2.970E-08 | ALASM | |
| 6151-0 | 53.30 - 55.00 | 3.141E+07 | 3.184E-08 | NDT Mag | |
| 6151-O | 54.00 | | 3.200E-08 | ALASM | |
| 6151-T4 | 41.50 - 43.30 | 2.459E+07 | 4.066E-08 | NDT Mag | |
| 6151-T6 | 42.00 | | 4.100E-08 | ALASM | |
| 6151-T6 | 43.90 - 45.00 | 2.578E+07 | 3.879E-08 | NDT Mag | |
| 6151-T6 | 45.00 | | 3.800E-08 | ALASM | |
| 6201-T81 | 54.00 | | 3.200E-08 | ALASM | |
| 6205-T1 | 45.00 | | 3.700E-08 | ALASM | |
| 6205-T5 | 49.00 | | 3.500E-08 | ALASM | |
| 6262-T9 | 44.00 | | 3.900E-08 | ALASM | |
| 6351-T6 | 46.00 | | 3.800E-08 | ALASM | |
| 6463-T1 | 50.00 | | 3.400E-08 | ALASM | |
| 6463-T5 | 55.00 | | 3.100E-08 | ALASM | |
| 6463-T6 | 53.00 | | 3.300E-08 | ALASM | |
| 6951-F | 53.00 - 53.10 | 3.077E+07 | 3.250E-08 | NDT Mag | |
| 6951-0 | 55.70 - 56.50 | 3.254E+07 | 3.073E-08 | NDT Mag | |
| 7005-O | 43.00 | | 4.010E-08 | ALASM | |
| 7005-T53, T5351, T63, and T6351 | 38.00 | | 4.540E-08 | ALASM | |
| 7005-T6 | 35.00 | | 4.930E-08 | ALASM | |
| 7039 | 32-40 | | 4.3E-8--5.4E-8 | ALASM | resistivity converted from conductivity-- |
| 7049 | 40.00 | | 4.300E-08 | ALASM | |
| 7050-O | 47.00 | | 3.670E-08 | ALASM | |
| 7050-T76 and T7651 | 39.50 | | 4.360E-08 | ALASM | |
| 7050-T736 and T73651 | 40.50 | | 4.260E-08 | ALASM | |
| 7072 | 60.00 - 60.10 | 3.483E+07 | 2.871E-08 | NDT Mag | |
| 7072-O | 60.00 | | 2.870E-08 | ALASM | |

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| 7075-F | 44.50 - 47.80 | 2.677E+07 | 3.736E-08 | NDT Mag | |
| 7075-T6 | 31.40 - 34.80 | 1.920E+07 | 5.209E-08 | NDT Mag | |
| 7075-T6 | 32.00 | 1.856E+07 | 5.388E-08 | ECTM | |
| 7075-W | 27.00 - 37.00 | 1.856E+07 | 5.388E-08 | NDT Mag | |
| 7075-T6, T62, T651, and T652 | 33.00 | | 5.220E-08 | ALASM | |
| 7075-T76 and T7651 | 38.50 | | 4.480E-08 | ALASM | |
| 7075-T73, T7351, and T7352 | 40.00 | | 4.310E-08 | ALASM | |
| 7076 | 35.00 | | 3.750E-08 | ALASM | |
| 7175-O | 46.00 | | 3.750E-08 | ALASM | |
| 7175-T66 | 36.00 | | 4.790E-08 | ALASM | |
| 7175-T736 and T73652 | 40.00 | | 4.310E-08 | ALASM | |
| 7178-O | 46.00 | | 3.750E-08 | ALASM | |
| 7178-T6 and T651 | 32.00 | | 5.390E-08 | ALASM | |
| 7178-T76 and T7651 | 39.00 | | 4.420E-08 | ALASM | |
| X7178-F and -0 | 45.50 - 46.00 | 2.654E+07 | 3.769E-08 | NDT Mag | |
| X7178-W and T6 | 26.80 - 32.60 | 1.723E+07 | 5.805E-08 | NDT Mag | |
| 7475-O | 46.00 | | 3.750E-08 | ALASM | |
| 7475-T61 and T651 | 36.00 | | 4.790E-08 | ALASM | |
| 7475-T761 and T7651 | 40.00 | | 4.310E-08 | ALASM | |
| 7475-T7351 | 42.00 | | 4.110E-08 | ALASM | |
| Aluminum Alloys (Cast) | | | | | |
| 122 Perm. Mold As Cast | 34.00 | 1.972E+07 | 5.071E-08 | CSNDT | |
| 122 Sand Cond. T2 | 41.00 | 2.378E+07 | 4.205E-08 | CSNDT | |
| 122 Sand Cond. T61 | 33.00 | 1.914E+07 | 5.225E-08 | CSNDT | |
| 113 | 30.00 | 1.740E+07 | 5.747E-08 | CSNDT | |
| C113 | 27.00 | 1.566E+07 | 6.386E-08 | CSNDT | |
| A 132 Cond. T551 | 29.00 | 1.682E+07 | 5.945E-08 | CSNDT | |
| 201.0-T6 | 27-32 | | 4.5E-8--6.4E-8 | ALASM | |
| 206.0-T6 | 27-32 | | 5.4E-8--6.4E-8 | ALASM | conductivity converted from resistivity-- |
| 206.0-T7 | 32-34 | | 5.0E-8--5.4E-8 | ALASM | conductivity converted from resistivity-- |
| 208.0 as-cast | 31.00 | | 5.560E-08 | ALASM | |
| (208.0) 108 | 31.00 | 1.798E+07 | 5.562E-08 | CSNDT | |
| 208.0 annealed | 38.00 | | 4.540E-08 | ALASM | |
| 214 | 35.00 | 2.030E+07 | 4.926E-08 | CSNDT | |
| A214 | 33.00 | 1.914E+07 | 5.225E-08 | CSNDT | |
| 218 | 24.00 | 1.392E+07 | 7.184E-08 | CSNDT | |
| 220 | 21.00 | 1.218E+07 | 8.210E-08 | CSNDT | |
| 242.0-T21, sand | 44.00 | | 3.920E-08 | ALASM | |
| (242.0) 142 Sand Cond. T21 | 44.00 | 2.552E+07 | 3.918E-08 | CSNDT | |
| 242.0-T571, sand | 34.00 | | 5.070E-08 | ALASM | |
| (242.0) 142 Sand Cond. T571 | 34.00 | 1.972E+07 | 5.071E-08 | CSNDT | |
| 242.0-T77, sand | 38.00 | | 4.540E-08 | ALASM | |
| (242.0) 142 Sand Cond. T77 | 37.00 | 2.146E+07 | 4.660E-08 | CSNDT | |
| 242.0-T61, permanent mold | 33.00 | | 5.220E-08 | ALASM | |
| 295.0-T4 | 35.00 | | 4.930E-08 | ALASM | |
| (295.0) 195 Cond. T4 | 35.00 | 2.030E+07 | 4.926E-08 | CSNDT | |
| 295.0-T62 | 37.00 | | 4.930E-08 | ALASM | |
| (295.0) 195 Cond. T62 | 37.00 | 2.146E+07 | 4.660E-08 | CSNDT | |

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|--------------------------|-------|-----------|-----------|-------|---|
| 296.0-T4 and T6 | 33.00 | | 5.220E-08 | ALASM | |
| (296.0) B 195 Cond. T4 | 35.00 | 2.030E+07 | 4.926E-08 | CSNDT | |
| (296.0) B 195 Cond. T6 | 36.00 | 2.088E+07 | 4.789E-08 | CSNDT | |
| 308.0 | 37.00 | | 4.660E-08 | ALASM | |
| (308.0) A 108 | 37.00 | 2.146E+07 | 4.660E-08 | CSNDT | |
| R 317 | 30.00 | 1.740E+07 | 5.747E-08 | CSNDT | |
| 319.0 | 27.00 | | 6.390E-08 | ALASM | |
| 319 Sand | 27.00 | 1.566E+07 | 6.386E-08 | CSNDT | |
| 319 Perm. Mold | 28.00 | 1.624E+07 | 6.158E-08 | CSNDT | |
| 336.0-T551 | 29.00 | | 5.950E-08 | ALASM | |
| 355.0-T51, sand | 43.00 | | 4.010E-08 | ALASM | |
| 355 Sand Cond. T51 | 43.00 | 2.494E+07 | 4.010E-08 | CSNDT | |
| 355.0-T6, sand | 36.00 | | 4.790E-08 | ALASM | |
| 355 Sand Cond. T6 | 36.00 | 2.088E+07 | 4.789E-08 | CSNDT | |
| 355.0-T61, sand | 39.00 | | 4.420E-08 | ALASM | |
| 355 Sand Cond. T61 | 37.00 | 2.146E+07 | 4.660E-08 | CSNDT | |
| 355.0-T7, sand | 42.00 | | 4.100E-08 | ALASM | |
| 355 Sand Cond. T7 | 42.00 | 2.436E+07 | 4.105E-08 | CSNDT | |
| 355.0-T6, permanent mold | 39.00 | | 4.420E-08 | ALASM | |
| 355 Perm. Mold Cond. T6 | 39.00 | 2.262E+07 | 4.421E-08 | CSNDT | |
| 356.0-T51, sand | 43.00 | | 4.010E-08 | ALASM | |
| 356 Sand Cond. T51 | 43.00 | 2.494E+07 | 4.010E-08 | CSNDT | |
| 356.0-T6, sand | 39.00 | | 4.420E-08 | ALASM | |
| 356 Sand Cond. T6 | 39.00 | 2.262E+07 | 4.421E-08 | CSNDT | |
| 356.0-T7, sand | 40.00 | | 4.310E-08 | ALASM | |
| 356.0-T6, permanent mold | 41.00 | | 4.210E-08 | ALASM | |
| 360.0 | 28.00 | | 6.160E-08 | ALASM | |
| A360.0 | 30.00 | | 5.747E-08 | ALASM | resistivity converted from conductivity-- |
| 360 | 37.00 | 2.146E+07 | 4.660E-08 | CSNDT | |
| 380.0 | 27.00 | | 6.500E-08 | ALASM | |
| 380 | 27.00 | 1.566E+07 | 6.386E-08 | CSNDT | |
| 383.0 | 23.00 | | 7.496E-08 | ALASM | resistivity converted from conductivity-- |
| 384.0 | 22.00 | | 7.837E-08 | ALASM | resistivity converted from conductivity-- |
| A384.0 | 23.00 | | 7.496E-08 | ALASM | resistivity converted from conductivity-- |
| 390.0-F | 27.00 | | 6.386E-08 | ALASM | resistivity converted from conductivity-- |
| 390.0-T5 | 25.00 | | 6.896E-08 | ALASM | resistivity converted from conductivity-- |
| 413.0 | 31.00 | | 5.56E-08 | ALASM | |
| 443.0 As-Cast | 37.00 | | 4.660E-08 | ALASM | |
| 443.0 Annealed | 42.05 | | 4.100E-08 | ALASM | conductivity converted from resistivity-- |

| | | | | | |
|----------|-------|-----------|-----------|-------|---|
| 514.0 | 35.00 | | 4.930E-08 | ALASM | |
| 518.0 | 25.00 | | 6.896E-08 | ALASM | resistivity converted from conductivity-- |
| 520.0-T4 | 21.00 | | 8.210E-08 | ALASM | |
| 535.0 | 20.00 | | 7.500E-08 | ALASM | |
| 712.0 | 35.00 | | 4.930E-08 | ALASM | |
| 713.0 | 35.00 | | 4.926E-08 | ALASM | resistivity converted from conductivity-- |
| 750 | 45.00 | 2.610E+07 | 3.831E-08 | CSNDT | |
| 771.0 | 27.00 | | 6.386E-08 | ALASM | resistivity converted from conductivity-- |
| 850.0 | 47.00 | | 3.670E-08 | ALASM | |

ALASM=ASM Specialty Handbook Aluminum and Aluminum Alloys

CSNDT=CSNDT compiled by Eddy Current Technology Incorporated

ECTM=Eddy Current Testing Manual on Eddy Current Method compiled by Eddy Current Technology Incorporated

NDT Mag=NDT Magazine Sept/Oct 1955, Cosgrove Article compiled by Eddy Current Technology Incorporated