# Copper Clad Steel (40%)

Fisk Alloy Wire Inc.
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# Copper Clad Steel (40%)

| Chemical Composition - Limits | Chemical Composition - Nominal |
|---|---|
| Carbon Steel (core) | Carbon Steel (core) |
| Copper | Copper |

| Specifications | Fabrication Index | |
|---|---|---|
| ASTM B227 | Soldering | |
| ASTM B452 | Hot Worked | |
| ASTM B910 | Cold Worked | |
| | Brazing | |
| | Machinability | 1 - Poor |

## Physical Properties

| | |
|---|---|
| Annealing Range (Min) | 1000 °F |
| Annealing Range (Max) | 1700 °F |
| Density | 0.294 lb/in³ |
| Electrical Resistivity (Annealed) | 26.6 Ω·cir-mil/ft @ 68 °F |
| Electrical Conductivity (Annealed) | 39% IACS @ 68 °F |
| Melting Point (Solidus) | 1,700 °F |
| Melting Point (Liquidus) | 1,900 °F |

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