AgCu 3, AgCuNi 2
Silver Copper Nickel

Alloy Melting Process

<table>
<thead>
<tr>
<th>Material</th>
<th>Ag Content [wt-%]</th>
<th>Density [gr/cm³]</th>
<th>Electrical Resistivity [µ Ω cm]</th>
<th>Hardness (Annealed) [HV10]</th>
<th>Tensile Strength [N/mm²]</th>
<th>Elongation (Annealed) %</th>
<th>Form of Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>AgCu 3</td>
<td>97</td>
<td>10.4</td>
<td>1.92</td>
<td>45</td>
<td>250</td>
<td>25</td>
<td>Wires, Tips, Rivets</td>
</tr>
<tr>
<td>AgCuNi 2</td>
<td>98</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Characteristics

- Higher arc erosion resistance than fine silver
- Lower material migration transfer under DC loads
- Good solder and welding characteristics

Applications

- Wiring devices
- Light switches
- Pushbutton & limit switches (AC 24 – 380V)
- Relays AC/DC
- General purpose relays 0.1A - 20A
- Telecommunications relays
- Miniature PC board relays

Silver Copper

- Alloy Melting Process

- Form of Supply

Wires,
Tips,
Rivets