Brazing alloy BrazeTec 6001

**Composition (% in weight)**

<table>
<thead>
<tr>
<th>Ag</th>
<th>Cu</th>
<th>Zn</th>
<th>Sn</th>
<th>Si</th>
<th>P</th>
<th>Mn</th>
<th>Ni</th>
<th>Other</th>
<th>ISO 17672:2010</th>
<th>EN 1044:1999</th>
<th>ISO 3677</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>26</td>
<td>14</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>AG 202</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Technical data:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting range (°C)</td>
<td>695 - 730</td>
</tr>
<tr>
<td>Working temperature (°C)</td>
<td>710</td>
</tr>
<tr>
<td>Melting range according to DSC measurement (°C)</td>
<td>-</td>
</tr>
<tr>
<td>Min. brazing temperature (°C)</td>
<td>-</td>
</tr>
<tr>
<td>Electrical conductivity (m/Ω mm²)</td>
<td>-</td>
</tr>
<tr>
<td>Elongation %</td>
<td>-</td>
</tr>
<tr>
<td>Density (g/cm³)</td>
<td>9.5</td>
</tr>
<tr>
<td>Shear strength (MPa)</td>
<td>-</td>
</tr>
<tr>
<td>Tensile strength DIN EN 12797 (MPa)</td>
<td>-</td>
</tr>
<tr>
<td>Operating temperature of brazed joint (min/max) ± (°C)</td>
<td>-</td>
</tr>
</tbody>
</table>

**Applications**
Silverware, precision metal parts, fashion accessories

**Operating conditions**
Silver based brazing alloy with excellent flow, capillarity and mechanical strength characteristics. Used for brazing any steels, silver, copper and copper alloys, as well as nickel and nickel alloys.

**Recommended fluxes**
N1/T, Super 1, N2/E, H paste, H sprayable, RS/A

**Heat sources**
Flame, induction heating, furnace

**Delivery forms**
Wire, rods, powder

**Notes**
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