Material Data Sheet
for: S.G 1120

This alloy corresponds to the standards ISO 22674/Type 3 and ISO 9693-1. It can be applied as a dental solder corresponding to the standard ISO 9333.

1. Composition

<table>
<thead>
<tr>
<th>Material</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Au + Pt group-metals</td>
<td>80.10%</td>
</tr>
<tr>
<td>Au</td>
<td>75.10%</td>
</tr>
<tr>
<td>Ag</td>
<td>18.90%</td>
</tr>
<tr>
<td>Pd</td>
<td>5.00%</td>
</tr>
<tr>
<td>Sn</td>
<td>1.00%</td>
</tr>
</tbody>
</table>

2. Physical Properties

- Melting range: 1040-1120°C
- Colour: pale yellow

3. Mechanical Properties

- Requirements by ISO 9333 :2006
- Rm > 250 Mpa or > 0.2% proof stress of the weakest of the parts
- Corrosion: no visible reaction on the surface of the brazed and tested sample

4. Certification

This alloy corresponds to the standards ISO 22674/Type 3 and ISO 9693-1. It can be applied as a dental solder corresponding to the standard ISO 9333.

Manufacture, packing and delivery are constantly monitored according to the quality management system standards according to ISO 9001 and ISO 13485.

Cendres+Métaux SA

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