

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

Au + Pt group-metals	80.10%
Au	75.10%
Ag	18.90%
Pd	5.00%
Sn	1.00%

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.

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