

# Material Data Sheet

## for: S.G 1155

This alloy corresponds to the standards ISO 22674/Type 4 and ISO 9693-1. It can be applied as a dental solder corresponding to the standard ISO 9333.

### 1. Composition

Au + Pt group-metals	78.00%
Au	64.50%
Ag	20.00%
Pd	8.50%
Pt	5.00%
Zn	2.00%

### 2. Physical Properties

Melting range	1060-1155°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 4 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**



Dr. Carmen Kruger  
Head of Materials Development



Dr. Flavio Campana  
Head of Material Testing