

Material Data Sheet

for: S.G 1055

This alloy corresponds to the standards ISO 22674/Type 2 and ISO 9693-1. It can be applied as a dental solder corresponding to the standard ISO 9333.

1. Composition

Au + Pt group-metals	82.40%
Au	80.00%
Ag	16.90%
Pt	2.40%
Zn	0.70%

2. Physical Properties

Melting range	1020-1070°C
Colour	yellow

3. Mechanical Properties

Requirements by ISO 9333 :2006

$R_m > 250 \text{ Mpa}$ 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 2 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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