

**METALOR**<sup>®</sup>**Data sheet for alloy****Pd 300/269**

Division Watches and Jewelry

Colour **white**Code **269****General description**

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**Physical properties**Specific gravity [g/cm<sup>3</sup>] **10.8**

Melting range [°C]

**1070-1130****Mechanical properties****Annealed****20% cold  
worked****75% cold  
worked****Vickers hardness****[HV1]**

100

200

**Yield hardness****Rm****[Mpa]**

400

750

**Elastic limit****Rp0.2****[MPa]**

220

700

**Plastic elongation****A****[%]**

40

2

**Processing guidelines****ANNEALING**

650 °C for 20 to 30 minutes then quenched in water. In order to avoid oxidation, work under reducing atmosphere.

**COLD WORKING****SOLDERING**

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**PICKLING**

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