

METALOR[®]**Data sheet for alloy
Pd 440/279**

Division Watches and Jewelry

Colour **white**Code **279****General description**

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Physical propertiesSpecific gravity [g/cm³] **10.85** Melting range [°C] **1080-1120****Mechanical properties**

			Annealed	20% cold worked	75% cold worked
Vickers hardness		[HV1]	210		300
Yield hardness	Rm	[Mpa]	640		1050
Elastic limit	Rp0.2	[MPa]	440		900
Plastic elongation	A	[%]	30		2

Processing guidelines**ANNEALING**

800 °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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