

<b>Heimerle + Meule GmbH</b> Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	<b>Material data</b>	WKD - 182.500
		Date: 05/2014

<b>Alloy</b>	<b>Pd 500</b>	
Item – no.	<b>182-500</b>	
Colour	grey	
Precious metals	Pd 50 Ag 40	[%]
Density	11,0	[g/cm <sup>3</sup> ]
Melting range	1155 - 1230	[°C]

<b>Properties</b>	soft - annealed	
Annealing temperature	850 – 900	[°C]
Hardness	130	[HV]
Tensile strength	510	[MPa]
Yield point	300	[MPa]
Ultimate elongation	40	[%]

<b>Casting of jewellery</b>		
Flask temperature	approx. 850	[°C]
Casting temperature	1330 - 1430	[°C]
Hardness	130	[HV]

### Portrait of alloy

- Pd - alloy for all kind of jewellery fabrication
- Excellent workability
- High ductility
- Good cutting properties
- Recommendation of brazing solder: L – Pt W (210-350)