

<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 – 615.750
		Date: 01/2016

<b>Alloy</b>	<b>Au 750</b>	
Item – no.	<b>615-750</b>	
Colour	white	
Precious metals	Au 75 Pd 15	[%]
Density	15,7	[g/cm <sup>3</sup> ]
Melting range	1030 – 1115	[°C]

<b>Properties</b>	soft - annealed	
Annealing temperature	750	[°C]
Hardness	150 – 180	[HV]
Tensile strength	630	[MPa]
Yield point	440	[MPa]
Elongation	15 - 20	[%]

<b>Casting of jewellery</b>		
Flask temperature	approx. 650	[°C]
Casting temperature	1215 – 1315	[°C]
Hardness	150	[HV]

### Portrait of alloy

- Hard Pd white gold alloy
- Good casting characteristics
- Good ductility and forming capacity
- Excellent workability for jewellery fabrication
- Use phosphate investing compound