

<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 – 136.750
		Date: 03/2015

<b>Alloy</b>	<b>Au 750 Pd 15,5</b>	
Item – no.	<b>136-750</b>	
Colour	grey	
Precious metals	Au 75,0 Pd 15,5	[%]
Density	15,8	[g/cm <sup>3</sup> ]
Melting range	1070 – 1165	[°C]

<b>Properties</b>	soft - annealed	
Annealing temperature	700	[°C]
Hardness	170	[HV]
Tensile strength	620	[MPa]
Yield point	430	[MPa]
Elongation	15	[%]
<b>Casting of jewellery</b>		
Flask temperature	650 – 700	[°C]
Casting temperature	1270 – 1370	[°C]
Hardness	170 - 200	[HV]

### Portrait of alloy

- Hard white gold alloy
- High ductility and forming capacity
- Good turning characteristics
- Excellent workability for jewellery fabrication, especially highly stressed parts
- Age-hardenable up to 210 HV (500°C / 30min / slow cooling down)
- Suitable for sintering technologies (slow cooling down)
- Suitable to produce tubes and ring blanks for wedding rings
- Ring blanks, delivery Hardness: approx. 200 HV