

<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 – 111.917
		Date: 05/2014

<b>Alloy</b>	<b>Au 917</b>	
Item – no.	<b>111-917</b>	
Colour	rich yellow	
Precious metals	Au 91,7 Ag 5,0	[%]
Density	17,8	[g/cm <sup>3</sup> ]
Melting range	970 - 1000	[°C]

<b>Properties</b>	soft - annealed	
Annealing temperature	600	[°C]
Hardness	55	[HV]
Tensile strength	290	[MPa]
Yield point	130	[MPa]
Elongation		[%]

<b>Casting of jewellery</b>		
Flask temperature	approx. 650	[°C]
Casting temperature	1100 – 1200	[°C]
Hardness	55	[HV]

### Portrait of alloy

- Au 917 - gold alloy
- High ductility and forming capacity
- Good workability for jewellery fabrication
- Especially: deep drawn parts
- Hardness as-delivered of ring blanks for wedding rings: approx. 130 HV