

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 650.333
		Date: 05/2014

Alloy	Au 333	
Item – no.	650-333	
Colour	yellow	
Precious metals	Au 33,3 Ag 9,0	[%]
Density	10,6	[g/cm ³]
Melting range	820 – 910	[°C]

Properties	soft - annealed	
Annealing temperature	600 – 650	[°C]
Hardness	110	[HV]
Tensile strength	460	[MPa]
Yield point	250	[MPa]
Elongation	40	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1010 – 1110	[°C]
Hardness	110	[HV]

Portrait of alloy

- Yellow gold alloy
- High ductility and forming capacity
- Good turning and casting characteristics
- Excellent workability for jewellery fabrication
- Suitable to produce tubes and ring blanks for wedding rings (delivery hardness: 130 HV)