

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 112.333
		Date: 05/2014

Alloy	Au 333	
Item – no.	112-333	
Colour	red	
Precious metals	Au 33,3 Ag 4,5	[%]
Density	10,8	[g/cm ³]
Melting range	935 – 1000	[°C]

Properties	soft - annealed	
Annealing temperature	650	[°C]
Hardness	110	[HV]
Tensile strength	455	[MPa]
Yield point	225	[MPa]
Elongation	45	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1100 – 1200	[°C]
Hardness	110	[HV]

Portrait of alloy

- Red gold standard alloy
- High ductility and forming capacity
- Very good casting properties
- Excellent workability for jewellery fabrication
- Suitable to produce tubes and ring blanks for wedding rings (delivery hardness: 120 HV)