

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 112.750
		Date: 05/2014

Alloy	Au 750	
Item – no.	112-750	
Colour	red	
Precious metals	Au 75 Ag 4	[%]
Density	15,0	[g/cm ³]
Melting range	900 - 930	[°C]

Soft - annealed	soft - annealed	
Annealing temperature	650	[°C]
Hardness	185	[HV]
Tensile strength	610	[MPa]
Yield point	540	[MPa]
Elongation	10	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1050 - 1150	[°C]
Hardness	180	[HV]

Portrait of alloy

- Hard gold alloy
- Good forming capacity
- Good turning characteristics
- After annealing quenching in water
- Age-hardenable (280°C, 60 min, low cooling down)
- Hardness after age-hardening: up to 240 HV
- Excellent workability for jewellery fabrication, especially highly stressed parts