

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 122.750
		Date: 05/2014

Alloy	Au 750	
Item – no.	122-750	
Colour	yellow 2N	
Precious metals	Au 75 Ag 15	[%]
Density	15,5	[g/cm ³]
Melting range	855 – 900	[°C]

Properties	soft - annealed	
Annealing temperature	600 – 650	[°C]
Hardness	140	[HV]
Tensile strength	500	[MPa]
Yield point	330	[MPa]
Elongation	25	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1000 – 1100	[°C]
Hardness	130 – 170	[HV]

Portrait of alloy

- Standard gold alloy
- High ductility and forming capacity
- Good turning and casting characteristics
- After annealing quenching in water
- Age-hardenable up to 160 HV: 280°C, 30 min, slow cooling down on air
- Excellent workability for jewellery fabrication
- Suitable to produce tubes and ring blanks for wedding rings
- Ring blanks, delivery hardness: approx. 140 HV