

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 156.750
		Date: 05/2014

Alloy	Au 750	
Item – no.	156-750	
Colour	rich yellow 3 N	
Precious metals	Au 75,0 Ag 12,5	[%]
Density	15,4	[g/cm ³]
Melting range	890 – 915	[°C]

Properties	soft - annealed	
Annealing temperature	650	[°C]
Hardness	145	[HV]
Tensile strength	510	[MPa]
Yield point	380	[MPa]
Elongation	40	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1015 – 1115	[°C]
Hardness	150	[HV]

Portrait of alloy

- Hard gold alloy
- Good forming capacity
- Good turning characteristics
- Age-hardenable up to 280 HV: 280°C, 15 min, slow cooling down on air
- After annealing quenching in water
- Excellent workability for jewellery fabrication, especially highly stressed parts
- Suitable to produce tubes and ring blanks for wedding rings
- Ring blanks, delivery hardness: approx. 160 HV