

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 175.750
		Date: 05/2014

Alloy	Au 750	
Item – no.	175-750	
Colour	rosé 4 N	
Precious metals	Au 75 Ag 9	[%]
Density	15,2	[g/cm ³]
Melting range	870 - 885	[°C]

Properties	soft - annealed	
Annealing temperature	650	[°C]
Hardness	155	[HV]
Tensile strength	550	[MPa]
Yield point	380	[MPa]
Elongation	40	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	990 - 1190	[°C]
Hardness	150	[HV]

Portrait of alloy

- Hard gold standard alloy, 4N
- Good forming capacity
- Good turning characteristics
- After annealing quenching in water
- Age-hardenable (280°C, 30 min, low cooling down)
- Hardness after age-hardening: up to 260 HV
- Excellent workability for jewellery fabrication, especially highly stressed parts
- Ring blanks, delivery hardness: approx. 160 HV