

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 612.750
		Date: 05/2014

Alloy	Au 750	
Item – no.	612-750	
Colour	yellow	
Precious metals	Au 75 Ag 14	[%]
Density	15,4	[g/cm ³]
Melting range	850 – 890	[°C]

Properties	soft - annealed	
Annealing temperature	600 - 650	[°C]
Hardness	140	[HV]
Tensile strength	510	[MPa]
Yield point	330	[MPa]
Elongation	> 35	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	990 – 1090	[°C]
Hardness	130	[HV]

Portrait of alloy

- Coloured gold alloy
- High ductility and forming capacity
- Good turning and casting characteristics
- Excellent workability for jewellery fabrication