

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 127-585
		Date: 05/2014

Alloy	Au 585	
Item – no.	127-585	
Colour	yellow (0 N)	
Precious metals	Au 58,5 Ag 33,5	[%]
Density	14,0	[g/cm ³]
Melting range	870 – 930	[°C]

Properties	soft - annealed	
Annealing temperature	650	[°C]
Hardness	120	[HV]
Tensile strength	470	[MPa]
Yield point	280	[MPa]
Elongation	20	[%]
Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1030 – 1130	[°C]
Hardness	120	[HV]

Portrait of alloy

- Gold standard alloy 0N
- High ductility and forming capacity
- Good turning and casting characteristics
- After annealing quenching in water
- Age-hardenable (annealing + 350°C, 60 min, low cooling down)
- Excellent workability for jewellery fabrication