

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 637.585
		Date: 05/2014

Alloy	Au 585	
Item – no.	637-585	
Colour	yellow	
Precious metals	Au 58,5 Ag 33,0	[%]
Density	14,0	[g/cm ³]
Melting range	860 – 930	[°C]

Properties	soft - annealed	
Annealing temperature	600 – 650	[°C]
Hardness	130	[HV]
Tensile strength	500	[MPa]
Yield point	300	[MPa]
Elongation	30	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1030 – 1130	[°C]
Hardness	130	[HV]

Portrait of alloy

- Gold alloy
- High ductility and forming capacity
- Good turning and casting characteristics
- Age-hardenable up to 200 HV (350°C, 15 min, low cooling down)
- Excellent workability for jewellery fabrication