

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 108.585
		Date: 05/2014

Alloy	Au 585	
Item – no.	108-585	
Colour	rich yellow	
Precious metals	Au 58,5 Ag 7,0	[%]
Density	12,9	[g/cm ³]
Melting range	820 – 855	[°C]

Properties	soft - annealed	
Annealing temperature	600	[°C]
Hardness	125	[HV]
Tensile strength	420	[MPa]
Yield point	270	[MPa]
Elongation	30	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	955 – 1055	[°C]
Hardness	120	[HV]

Portrait of alloy

- Coloured gold alloy
- High ductility and forming capacity
- Good turning and casting characteristics
- Excellent workability for jewellery fabrication
- Suitable to produce tubes and ring blanks for wedding rings
- Hardness as-delivered of ring blanks for wedding rings: approx. 150 HV