

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 111.585
		Date: 05/2014

Alloy	Au 585	
Item – no.	111-585	
Colour	red	
Precious metals	Au 58,5 Ag0,5	[%]
Density	12,9	[g/cm ³]
Melting range	925 - 975	[°C]

Properties	soft - annealed	
Annealing temperature	650	[°C]
Hardness	120	[HV]
Tensile strength	460	[MPa]
Yield point	210	[MPa]
Elongation	40	[%]
Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1075 – 1175	[°C]
Hardness	110	[HV]

Portrait of alloy

- Red 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
- Ring blanks, delivery hardness: approx. 130 HV