

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimele-meule.com	Material data	WKD – 117-585
		Date: 04/2023

Alloy	Au 585	
Item – no.	117-585	
Colour	hazelnut	
Precious metals	Au 58,5 Ag 6,5, Pd 4,5	[%]
Density	13,4	[g/cm ³]
Melting range	900 - 950	[°C]

Properties	soft - annealed	
Annealing temperature	700	[°C]
Hardness	160	[HV]
Tensile strength		[MPa]
Yield point		[MPa]
Elongation		[%]

Casting of jewellery		
Flask temperature	-	[°C]
Casting temperature	-	[°C]
Hardness	-	[HV]

Portrait of alloy

- Coloured gold alloy
- High ductility and forming capacity
- Good turning characteristics
- Excellent workability for jewellery fabrication
- Suitable to produce wedding rings
- Ring blanks, delivery hardness: approx. 160 HV
- Age-hardenable up to 200 HV
- For forming after annealing quench the material in water