

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD - 121.585
		Date: 05/2014

Alloy	Au 585	
Item – no.	121-585	
Colour	rich yellow	
Precious metals	Au 58,5 Ag 23,0	[%]
Density	13,7	[g/cm ³]
Melting range	825 - 845	[°C]

Properties	soft - annealed	
Annealing temperature	650	[°C]
Hardness	190	[HV]
Tensile strength		[MPa]
Yield point		[MPa]
Elongation		[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	950 - 1050	[°C]
Hardness	220	[HV]

Portrait of alloy

- Hard gold alloy
- Good forming capacity
- Good turning and casting characteristics
- After annealing quenching in water
- Age-hardenable up to 260 HV: 350°C, 5 min, slow cooling down on air
- Especially tubes and ring blanks for wedding rings
- Ring blanks, delivery hardness: approx. 190 HV