

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 136.585
		Date: 05/2014

Alloy	Au 585 Pd 19,5	
Item – no.	136-585	
Colour	grey	
Precious metals	Au 58,5 Ag 13,0 Pd 19,5	[%]
Density	14,4	[g/cm ³]
Melting range	1075 – 1165	[°C]

Properties	soft - annealed	
Annealing temperature	750	[°C]
Hardness	140	[HV]
Tensile strength	540	[MPa]
Yield point	330	[MPa]
Elongation	30	[%]

Casting of jewellery		
Flask temperature	approx. 700	[°C]
Casting temperature	1180 – 1280	[°C]
Hardness	130	[HV]

Portrait of alloy

- Hard white gold alloy
- High ductility and forming capacity
- Good turning and casting characteristics
- Age-hardenable up to 180 H: 350°C, 15 min, slow cooling down on air
- Excellent workability for jewellery fabrication
- Suitable to produce tubes and ring blanks for wedding rings
- Ring blanks, delivery hardness: approx. 180 HV