

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD - 131.585
		Date: 05/2014

Alloy	Au 585 Pd 14	
Item – no.	131-585	
Colour	white	
Precious metals	Au 58,5 Ag 18,5 Pd 14,0	[%]
Density	14,3	[g/cm ³]
Melting range	1015 - 1105	[°C]

Properties	soft - annealed	
Annealing Temperature	750	[°C]
Hardness	145	[HV]
Tensile strength	535	[MPa]
Yield point	330	[MPa]
Elongation	40	[%]

Casting of jewellery		
Flask temperature	approx. 650	[°C]
Casting temperature	1205 - 1305	[°C]
Hardness	140	[HV]

Portrait of alloy

- Hard Pd white gold alloy
- High ductility and forming capacity
- Good turning characteristics
- Excellent workability for jewellery fabrication
- Especially tubes and ring blanks (delivery hardness: approx. 170 HV)
- Age-hardenable up to 180 HV: 350°C, 15 min, slow cooling down on air