

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 132.990
		Date: 05/2014

Alloy	Au 990	
Item – no.	132-990	
Colour	rich yellow	
Precious metals	Au 99	[%]
Density	18,8	[g/cm ³]
Melting range	1030 – 1045	[°C]

Properties	soft - annealed	
Annealing temperature	400	[°C]
Hardness	45	[HV]
Tensile strength	230	[MPa]
Yield point	80	[MPa]
Elongation	30	[%]

Casting of jewellery		
Flask temperature	approx. 650	[°C]
Casting temperature	1145 – 1245	[°C]
Hardness	45	[HV]

Portrait of alloy

- Au 990 - gold alloy
- High ductility and forming capacity
- Good workability for jewellery fabrication
- Especially: deep drawn parts
- Hardness as-delivered of ring blanks for wedding rings: approx. 115 HV