

<b>Heimerle + Meule GmbH</b> Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	<b>Material data</b>	WKD – 638.585
		Date: 05/2014

<b>Alloy</b>	<b>Au 585</b>	
Item – no.	<b>638-585</b>	
Colour	white	
Precious metals	Au 58,5 Ag 32,0 Pd 6,5	[%]
Density	14,3	[g/cm <sup>3</sup> ]
Melting range	905 – 1035	[°C]

<b>Properties</b>	soft - annealed	
Annealing temperature	650	[°C]
Hardness	90	[HV]
Tensile strength		[MPa]
Yield point		[MPa]
Elongation		[%]

<b>Casting of jewellery</b>		
Flask temperature	approx. 600	[°C]
Casting temperature	1135 – 1235	[°C]
Hardness	90	[HV]

### Portrait of alloy

- Soft white gold alloy
- High ductility and forming capacity
- Good workability for jewellery fabrication