

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 177.950
		Date: 05/2014

Alloy	PtCo5	
Item – no.	177-950	
Colour	white	
Precious metals	Pt 95	[%]
Density	20,2	[g/cm ³]
Melting range	1730 – 1740	[°C]

Properties	soft - annealed	
Annealing temperature	900 – 1000	[°C]
Hardness	130	[HV]
Tensile strength	340	[MPa]
Yield point		[MPa]
Elongation		[%]

Casting of jewellery		
Flask temperature	approx. 1000	[°C]
Casting temperature	approx. 2000	[°C]
Hardness	135	[HV]

Portrait of alloy

- Pt – casting alloy
- Very good casting properties
- Use crucible made of ceramics and phosphate investing compounds
- Slight magnetism
- Non weldable (oxidation)