

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD - 174.600
		Date: 05/2014

Alloy	Pt 600 W Ru	
Item - no.	174-600	
Colour	white	
Precious metals	Pt 60	[%]
Density	13,6	[g/cm ³]
Melting range	1240 - 1330	[°C]

Properties	soft - annealed	
Annealing temperature	950 - 1050	[°C]
Hardness	180	[HV]
Tensile strength		[MPa]
Yield point		[MPa]
Elongation		[%]
Casting of jewellery		
Flask temperature	approx. 850	[°C]
Casting temperature	1400 - 1500	[°C]
Hardness	190	[HV]

Portrait of alloy

- Fine-grained Pt-alloy with high hardness
- High ductility and cutting properties (turning/milling)
- Possibility to cut bright
- Easy polishing
- Suitable for sintering technologies (slow cooling down)
- Suitable for any kind of stone-setting
- Suitable for producing tension-rings
- Solder: L-PtW (1070°C)

Special applications:

- Tubes and ring blanks for wedding rings
- Ring blanks: delivery-hardness approx. 190 HV