

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD – 441.935
		Date: 05/2014

Alloy	Ag 935 PAT II	
Item – no.	441-935	
Colour	white	
Precious metals	Ag 93,5	[%]
Density	10,3	[g/cm ³]
Melting range	830 – 910	[°C]

Properties	soft annealed	
Annealing temperature	650	[°C]
Hardness	60	[HV]
Tensile strength	270	[MPa]
Yield point	100	[MPa]
Elongation	35	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1010 – 1110	[°C]
Hardness	50 - 60	[HV]

Portrait of alloy

- White silver casting alloy
- Very good casting properties
- Reduced formation of oxides after casting
- Improved resistant to tarnishing
- No mirror on melt: do not overheat
- High ductility and forming capacity, fine grained
- Reduced affinity to forming of so called “blue-silver” after annealing
- Age-hardenable after casting up to 100 HV: 280°C, 90 min, slow cooling down on air
- Ring blanks, delivery hardness: approx. 120 HV