

Heimerle + Meule GmbH Dennigstr. 16, D - 75179 Pforzheim Phone: + 49 (0) 7231-940-0 www.heimerle-meule.com	Material data	WKD - 420.935
		Date: 05/2014

Alloy	Ag 935 (AgCu6,5)	
Item – no.	420-935	
Colour	white	
Precious metals	Ag 93,5	[%]
Density	10,3	[g/cm ³]
Melting range	825 – 900	[°C]

Properties	soft - annealed	
Annealing temperature	550 – 650	[°C]
Hardness	70 - 90	[HV]
Tensile strength	280	[MPa]
Yield point	200	[MPa]
Elongation	35	[%]

Casting of jewellery		
Flask temperature	approx. 600	[°C]
Casting temperature	1000 - 1100	[°C]
Hardness	65	[HV]

Portrait of alloy

- Ductile standard silver alloy
- Excellent workability for jewellery fabrication
- Very good casting properties
- Age-hardenable up to 110 HV:
annealing 700°C, 15 min + 280°C, 90 min, slow cooling down
- Ring blanks, delivery hardness: approx. 120 HV