

[at%Au]	Z [e/a]	T_c [K]	Ref	T_K [K]	Ref	r [mΩcm]	Ref	$1/r \cdot dr/dt$ [$10^{-5}/K$]	Ref	R_H [$10^{-11}m^3/As$]	Ref	$S^l(T)/T$ [nV/K ²]	Ref
0		3,9485	1										
0,06639						12,63	1						
0,63071						12,02	1						
1,9		3,98061	1										
6		3,91867	1			22,70	1						
9		3,81158	1			19,42	1						
20		3,62874	1			26,70	1						
26,5		3,26687	1			40,06	1						
34		2,99991	1										

Caption:

- Z indicates the mean electron number per atom
 T_c indicates the transition to the superconducting state
 T_K indicates the crystallization temperature
 ρ indicates the specific resistivity at T approx. 4K
 $1/\rho \cdot dp/dt$ indicates the temperature coefficient at approx. T=100K
 R_H indicates the Hallcoefficient at approx. T=10K
 $S^l(T)/T$ indicates the slope of the thermopower at low T

The horizontal thin lines enclose the amorphous range

References:

- [1] J. Kleen, Dissertation, Univ. Karlsruhe, Germany

The concentration range between the thin horizontal lines shows the amorphous alloys, outside the samples are partly or completely crystalline.