

[at%Co]	Z [e/a]	T _c [K]	Ref	T _k [K]	Ref	r [mWcm]	Ref	1/r d r/dt [10 ⁻⁵ /K]	Ref	R _H [10 ⁻¹¹ m ³ /As]	Ref	S ^l (T)/T [nV/K ²]	Ref
25	2,75			-	1	417	1	-42,4	1				
30	2,7			563	1	345	1	-41,9	1				
35	2,65			-	1	395	1	-34,9	1				
40	2,6			408	1	363	1	-29,6	1				
45	2,55			320	1	408	1	-15,4	1				
50	2,5			295	1	346	1	-9,2	1				
60	2,4			284	1	270	1	34,1	1				
70	2,3			168	1	240	1	71,9	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/ρ 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] K. D. Hermann, Diplomarbeit, Univ. Karlsruhe 1990

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