

[at%Fe]	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'(T)/T [nV/K ²]	Ref
20	3,4	-	1	309	1	204	1	-48	1				
20	3,4	-	1	320	1								
20	3,4			313	4								
23		-		290	2	188,180	2	-29	2				
25	3,25	-		290	2	152,190	2	-	2				
25	3,25	-	1	290	1	174	1	-36	1				
30	3,1	-		355	2	267,218	2	-40	2				
30	3,1	-	1	320	1	258	1	45	1				
30	3,1			338	4								
30	3,1			362	3								
33				360	3								
35	2,95	-	1			223	1	43	1				
37				358	3								
40	2,8	-		430	2	276,237	2	-30	2				
40	2,8	-	1	414	1								
40	2,8			344	4								
43				375	3								
45	2,65	-	1			277	1	-54	1				
46				410	3								
48	2,575	-	1			243	1	52	1				
50	2,5	-	1	440	1	296	1						
50	2,5	-	1	450	1								
50	2,5			426									
55	2,35	-	1	467	1	282	1	-6	1				
55	2,35			442	3								
60	2,2	-		486	2			6	2				
60	2,2	-	1	484	1	261	1	1	1				
60	2,2	-	1	488	1	253	1						
63				478	3								
65				543	4								
70	1,9	-	1	520	1	256	1	18	1				
70	1,9	-	1	546	1								
70	1,9			554	4								
70	1,9			502	3								
75	1,75	-	1	537	1			17	1				
75	1,75	-	1					19	1				
75				573	4								
79				458	3								
80	1,6	-	1	419	1			20	1				
80	1,6	-	1	420	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'(T)/T indicates the slope of the thermopower at low T
The horizontal thin lines enclose the amorphous range

References:

- [1] A. Schaller, Diplomarbeit, Univ. Karlsruhe 1989
 - [2] G. Gantner, Diplomarbeit, Univ. Karlsruhe 1988
 - [3] P. Häußler
 - [4] H. G. Boyen, Dissertation, Univ. Karlsruhe 1990
- The concentration range between the thin horizontal lines shows the amorphous alloys, outside the samples are partly are completely crystalline.