

[at%Ni]	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
0		4,64	1		1	24,0	1			-2,1	1		
10		5,10	1	116,5	1	65,1	1	-29,0	1	-4,21	1		
15		4,22	1	281,2	1	84,3	1	-124,0	1	-4,81	1		
20				312,3	1	98,6	1	-159,0	1	-5,02	1		
20				304,7	2								
25		2,33	1	327,9	1			-224,0	1				
25		2,54	1	327	1	112,9	1	-268,0	1	-5,02	1		
30		2,14	1	345,1	1	119,7	1	-334,0	1	-5,58	1		
30				340,1	2								
35		1,87	1	346,6	1	120,5	1	-264,0	1				
40		1,36	1	368,7	1	126,8	1			-5,88	1		
40				351,6	2								
45										-5,81	1		
45				385,9	1	136,9	1	-270,0	1	-5,73	1		
50				392,4	1	139,3	1			-5,87	1		
50				394,1	2								
52,5				376,9	1	141,4	1	-140,0	1	-5,76	1		
55				378,9	1	140,0	1	-124,0	1	-5,65	1		
57,5				368,3	1	145,0	1	-180,0	1	-5,85	1		
60				302,5	1	150,4	1	-182,0	1	-6,27	1		
65				293,2	1	147,0	1	49,0	1	-6,55	1		
70				243,3	1	121,6	1	24,0	1	-5,76	1		
75				200,6	1	123,1	1	36,0	1	-7,1	1		
77,5				180,4	1	126,0	1			-7,55	1		
80				176,8	1	113,9	1	129,0	1	-19,5	1		
85				134,8	1	99,4	1			-6,61	1		
90				131,4	1	92,3	1	216,0	1	-201,1	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 Hallkoefficient 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] U. Stucky, Diplomarbeit, Univ. Karlsruhe, 1989
- [2] 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.