

[at%Pd]	Z [e/a]	T _c [K]	Ref	T _k [K]	Ref	r [mΩcm]	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
0	4	-	1	-	1	24,0	1	-	1	2,1			
10	3,998	6,3	1	181	1	54,2	1	31,5	1	3,39			
20	3,996	5,0	1	236	1	72,7	1	8,3	1	4,72			
20	3,996			260	2								
30	3,994	3,6	1	277	1	99,4	1	-13,6	1	5,24			
30	3,994	-	1	294	1	-	1	-12,1	1	-			
30	3,994			298	2								
35	3,993	3,1	1	295	1	107,1	1	-	1	5,28			
40	3,992	2,4	1	370	1	136,3	1	-24,8	1	5,25			
40	3,992			365	2								
45	3,991	2,2	1	338	1	125,3	1	-22,9	1	5,11			
50	3,99	1,5	1	350	1	149,3	1	-18,8	1	5,12			
50	3,99			350	2								
55	3,989	-	1	408	1	132,3	1	-	1	4,26			
55	3,989			451	2								
60	3,988	-	1	459	1	171,8	1	-13,7	1	2,75			
60	3,988			485	2								
63	3,9874	-	1	449	1	150,4	1	-11,8	1	2,82			
63	3,9874			399	2								
65	3,987	-	1	270	1	156,4	1	-11,1	1	1,64			
68	3,9864	-	1	211	1	150,2	1	-11,2	1	2,35			
68	3,9864			424	2								
70	3,986	-	1	229	1	108,0	1	1,3	1	4,12			
75	3,985	-	1	511	1	136,9	1	3,8	1	6			
80	3,984	-	1	376	1	138,9	1	14,1	1	8,37			
100	3,98	-	1	257	1	67,2	1	47	1	9,84			
100	3,98	-	1	249	1	67,7	1	-	1	8,9			

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] G. Gantner, Diplomarbeit, Univ. Karlsruhe 1988
[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.