

| [at%X]  | Z [e/a] | T <sub>c</sub> [K] | Ref | T <sub>k</sub> [K] | Ref | $\rho$ [ $\mu\Omega\text{cm}$ ] | Ref | $1/\rho \cdot d\rho/dt$ [ $10^{-5}/\text{K}$ ] | Ref | R <sub>H</sub> [ $10^{-11}\text{m}^3/\text{As}$ ] | Ref | S'(T)/T [nV/K <sup>2</sup> ] | Ref |
|---------|---------|--------------------|-----|--------------------|-----|---------------------------------|-----|------------------------------------------------|-----|---------------------------------------------------|-----|------------------------------|-----|
| 13,1858 |         | 0,04265            | 1   |                    |     |                                 |     |                                                |     |                                                   |     |                              |     |
| 15,5097 |         | 0,60791            | 1   |                    |     |                                 |     |                                                |     |                                                   |     |                              |     |
| 18,4894 |         | 1,559              | 1   |                    |     |                                 |     |                                                |     |                                                   |     |                              |     |
| 29,9883 |         | 2,6074             | 1   |                    |     |                                 |     |                                                |     |                                                   |     |                              |     |
| 43,2918 |         | 3,46004            | 1   |                    |     |                                 |     |                                                |     |                                                   |     |                              |     |
| 50,3256 |         | 3,53612            | 1   |                    |     |                                 |     |                                                |     |                                                   |     |                              |     |
| 59,9759 |         | 3,22961            | 1   |                    |     |                                 |     |                                                |     |                                                   |     |                              |     |

**Caption:**

- Z indicates the mean electron number per atom  
 T<sub>c</sub> indicates the transition to the superconducting state  
 T<sub>k</sub> indicates the crystallization temperature  
 $\rho$  indicates the specific resistivity at T approx. 4K  
 $1/\rho \cdot d\rho/dt$  indicates the temperature coefficient at approx. T=100K  
 R<sub>H</sub> 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] T. Müller, Diploma work, RWTH Aachen, Germany (1987)

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