

property: crystal structure, physical properties

crystal structure

lattice parameters

color; red

68S

c 3.901(2) Å

$$\sigma \quad 0.3 \, \Omega^{-1} \text{ cm}^{-1}$$

68S

$$S \quad -180 \mu\text{V K}^{-1}$$

(referred to lead)

68S

crystal structure

cubic (Th₃P₄-defect structure, T_d⁶ – I $\bar{4}$ 3d)**lattice parameters**

coordination polyhedra: Fig. 1

65F

References:

- 65F Flahaut, J., Guittard, M., Patrie, M., Pardo, M. P., Golabi, S. M., Domange, L.: Acta. Cryst. 19 (1965) 14.
- 66H Holtzberg, F., Methfessel, S.: J. Appl. Phys. 37 (1966) 1433.
- 68S Sleight, A. W., Prewitt, C. T.: Inorg. Chem. 7 (1968) 2282.

Fig. 1.

Th₃P₄-type compounds. The coordination polyhedra of the cations and the anions. Full circles: Th- atoms, other circles: P-atoms [66H].

