

**substance: Pr<sub>2</sub>Se<sub>3</sub>**

**property: crystal structure, physical properties**

**crystal structure** cubic (Th<sub>3</sub>P<sub>4</sub>-defect structure, T<sub>d</sub><sup>6</sup> – I $\bar{4}$  3d)

**lattice parameters**

*a* 8.927 Å coordination polyhedra: Fig. 1 65F

**Debye temperature**

$\Theta_D$  338 K 66D

**linear thermal expansion coefficient**

$\alpha$  12.6·10<sup>-6</sup> K<sup>-1</sup> 66D

## References:

- 65F Flahaut, J., Guittard, M., Patrie, M., Pardo, M. P., Golabi, S. M., Domange, L.: Acta. Cryst. 19 (1965) 14.
- 66D Dudnik, E. M., Lashkarev, G. V., Paderno, Y. B., Obolonchik, V. A.: Inorg. Mater. 2 (1966) 833.
- 66H Holtzberg, F., Methfessel, S.: J. Appl. Phys. 37 (1966) 1433.

**Fig. 1.**

Th<sub>3</sub>P<sub>4</sub>-type compounds. The coordination polyhedra of the cations and the anions. Full circles: Th- atoms, other circles: P-atoms [66H].

