

substance: PdSe₂

property: crystal structure, physical properties

(All references in the last column refer to all data of this document)

lattice parameters

a	5.74 Å	structure: orthorhombic, D _{2h} ¹⁵ – Pbca	57G, 65H
b	5.87 Å		
c	7.69 Å		

resistivity, Seebeck coefficient, energy gap

ρ	1 Ω cm	p-type, poly-crystalline sample	diamagnetic
S	500 μV K ⁻¹		
$E_{g,th}$	0.4 eV		

References:

- 57G Gronvold, F., Rost, E.: Acta Crystallogr. 10 (1957) 329.
65H Hulliger, F.: J. Phys. Chem. Solids 26 (1965) 639.