

substance: OsPSe
property: physical properties

energy gap

E_g ≈ 1.4 eV RT from diffuse reflectance 63H

thermoelectric power

S ≈ -1000 $\mu\text{V K}^{-1}$ $T = 300$ K sintered sample 63H

far infrared absorption: for spectrum in the range $60\ldots 550$ cm^{-1} , see [83L].

For structure, chemical bond and comparative tables on crystallographic and physical properties of transition metal-V-VI compounds, see documents , , , .

References:

- 63H Hulliger, F.: Nature (London) 201 (1963) 381.
83L Lutz, M. D., Schneider, G., Kliche, G.: Phys. Chem. Minerals 9 (1983) 109.