

**substance: RuSbTe**  
**property: physical properties**

**energy gap**

$E_{g,th}$                       0.5 eV                      from  $\log \rho \propto E_g/2kT$  above 500 K                      63H

**thermoelectric power**

$S$                        $-150 \mu V K^{-1}$                        $T = 300 K$                       sintered sample                      63H

far infrared absorption: for spectrum in the range  $50...500 \text{ cm}^{-1}$  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.