

substance: RuSe₂
property: crystal structure, physical properties

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

lattice parameters

a	5.934 Å	structure: pyrite, C2, T _h ⁶ – Pa3	63H, 71L
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Seebeck coefficient, energy gap

S	– 120 μV K ^{–1}	n-type, poly-	diamagnetic
E_g	1.0 eV	crystalline sample	optical gap
$E_{g,th}$	> 0.6 eV		

References:

- 63H Hulliger, F.: Nature (London) 200 (1963) 1064.
71L Landolt-Börnstein (New Series), ed.: K. H. Hellwege, Vol. III/6, Springer Verlag: Berlin, Heidelberg, New York 1971.