

**substance: IrSe<sub>2</sub>**

**property: crystal structure, physical properties**

**Ir<sub>2</sub>Se<sub>2</sub>(Se<sub>2</sub>)**

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

**lattice parameters**

$a$	20.94 Å	structure: orthorhombic, D <sub>2h</sub> <sup>16</sup> – Pnam	58B, 64H
$b$	5.93 Å		
$c$	3.74 Å	diamagnetic	

**Seebeck coefficient, energy gap**

$S$	300 μV K <sup>-1</sup>	p-type, poly- crystalline sample	optical gap
$E_g$	1.0 eV		

**References:**

- 58B     Barricelli, L. B.: Acta Crystallogr. 11 (1958) 75.  
64H     Hulliger, F.: Nature (London) 204 (1964) 644.