

**substance: Ir<sub>2/3</sub>Se<sub>2</sub>**

**property: crystal structure, physical properties**

**( = IrSe<sub>≈3</sub> )**

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

**lattice parameters**

$a$	5.96 Å	structure: C2 (trigonal distortion)	37B,
$\alpha$	> 90°	diamagnetic	64H

**Seebeck coefficient, energy gap**

$S$	– 150 μV K <sup>–1</sup>	n-type, poly-
$E_{g,th}$	≥ 0.45 eV	crystalline sample

**References:**

- 37B Biltz, W.: Z. Anorg. Allg. Chem. 233 (1937) 282.  
64H Hulliger, F.: Nature (London) 204 (1964) 644.