

substance: IrS_{≈3}

property: crystal structure, physical properties

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

lattice parameters

a	5.5 Å	structure: C2 (trigonal distortion)	37B1, 37B2, 64H
α	> 90°		

energy gap

E_g	2.0 eV	polycrystal	optical gap
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References:

- 37B1 Biltz, W.: Z. Anorg. Allg. Chem. 233 (1937) 282.
37B2 Biltz, W., Laar, J., Ehrlich, P., Meisel, K.: Z. Anorg. Allg. Chem. 233 (1937) 257.
64H Hulliger, F.: Nature (London) 204 (1964) 644.