

substance: TcSe₂

property: crystal structure, physical properties

(S: structure (space group), CG: crystal growth (the numbers in parentheses correspond to T_1 and T_2 , the temperatures (in °C) of the hot and cold end of the crystal growth tube, respectively)).

energy gap

E_g	0.88 eV	synthetic single crystal	S: triclinic CG: halogen transport (1080/1000) optical gap	71W
-------	---------	-----------------------------	--	-----

References:

71W Wildervanck, J. C., Jellinek, F.: J. Less-Common Met 24 (1971) 73.