

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

**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)).

**lattice parameters**

$a$	12.522 Å	synthetic	S: monoclinic, Cc or C2/c	71W
$b$	7.023 Å	single crystal	CG: halogen transport (980/840)	
$c$	13.828 Å			
$\beta$	101.26°			

**density**

$d$	7.890 g cm <sup>-3</sup>	calculated
-----	--------------------------	------------

**References:**

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