

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

**property: crystal structure, physical properties**

**lattice parameters**

$a$  6.097 Å

structure: pyrite, C2, T<sub>h</sub><sup>6</sup> – Pa3, 59H,  
antiferromagnetic, T<sub>N</sub> = 48.2 K, 68L,  
 $p_{\text{eff}} = 6.16 \mu_{\text{B}}$ ,  $\Theta_{\text{p}} = -598$  K 71L

## References:

- 59H     Hastings, J. M., Elliott, N., Corliss, L. M.: Phys. Rev. 115 (1959) 13.
- 68L     Lin, M. S., Hacker Jr., H.: Solid State Commun. 6 (1968) 687.
- 71L     Landolt-Börnstein (New Series), ed.: K. H. Hellwege, Vol. III/6, Springer Verlag: Berlin, Heidelberg, New York 1971.