

substance: Er₂S₃
property: crystal structure, physical properties

δ-Er₂S₃

crystal structure monoclinic (C_{2h}² – P2₁/m)

lattice parameters

<i>a</i>	17.404(2) Å	color: beige	68S
<i>b</i>	3.978(3) Å		
<i>c</i>	10.092(2) Å		
<i>β</i>	98.67(2)°		

melting point

<i>T_m</i>	1730°C	60P
	1703°C	72G

References:

- 60P Picon, M., Domange, L., Flahaut, J., Guittard, M., Patrie, M.: Bull. Soc. Chim. Fr. 2 (1960) 221.
68S Sleight, A. W., Prewitt, C. T.: Inorg. Chem. 7 (1968) 2282.
72G Goryachev, Yu. M., Kutsenok, T. G.: High Temp. High Press. 4 (1972) 663.