

**substance:**  $\text{Zr}_2\text{S}_3$

**property:** crystal structure, physical properties

(S: structure (space group), C: colour (polycrystalline samples)).

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

**lattice parameters**

$a$	10.253 Å	S: defective B1, random Zr vacancies C: black	58M1, 58M2
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**resistivity**

$\rho$	0.08 $\Omega$ cm	n-type, polycrystalline sample
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**Seebeck coefficient**

$S$	$-50 \mu\text{V K}^{-1}$	n-type, polycrystalline sample
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**References:**

- 58M1 McTaggart, F. K., Wadsley, A. D.: Aust. J. Chem. 11 (1958) 445.  
58M2 McTaggart, F. K.: Aust. J. Chem. 11 (1958) 471.