

substance: Hf₂S₃
property: crystal structure, physical properties

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

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

lattice parameters

<i>a</i>	3.635 Å	S: hexagonal, cation vacancies randomly distributed on alternate (111) planes of B8 structure C: light yellow-brown	58M1,
<i>c</i>	5.89 Å		58M2

resistivity

ρ	150 Ω cm	n-type, polycrystalline sample
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Seebeck coefficient

<i>S</i>	− 200 μV K ^{−1}
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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.