

substance: FeSi₂
property: lattice parameters, density for FeSi₂ phases

(RT values)

Compound	<i>a</i> [Å]	<i>b</i> [Å]	<i>c</i> [Å]	Ref.
FeSi ₂ (OsSi ₂ type)	9.863	7.791	7.833	71D
Fe _{0.88} Co _{0.12} Si ₂ (OsSi ₂ type, solubility limit)	9.918	7.798	7.840	70H
Fe _{0.8} Mn _{0.2} Si ₂ (OsSi ₂ type, solubility limit)				74A

References:

- 70H Hesse, J., Bucksch, R.: J. Mater. Sci. 5 (1970) 272.
71D Dusauroy, Y., Protas, J., Wandji, R., Roques, B.: Acta Crystallogr. B 27 (1971) 1209.
74A Abrikosov, N. Kh., Ivanova, L. D., Petrova, L. I.: Izv. Akad. Nauk SSSR, Neorg. Mater. 10 (1974) 2226 (translation: Inorg. Mater. 10 (1974) 1907).