

As – Ir (Arsenic – Iridium)

Crystal structure

Two intermediate phases have been found. The crystallographic data are given in Table 1.

Table 1. As–Ir. Crystal structure and lattice parameters as collected by [Pearson].

Phase	Structure	Prototype	Lattice parameters [nm]			Reference
			<i>a</i>	<i>b</i>	<i>c</i>	
As ₂ Ir	mon	CoSb ₂	0.60549	0.60717 $\beta = 113.20^\circ$	0.61587	[71 Kje]
As ₃ Ir	cub	As ₃ Co	0.84673			[74 Kje]

References

- [71 Kje] Kjekshus, A.: Acta Chem. Scand. **25** (1971) 411
 [74 Kje] Kjekshus, A., Rakke, T.: Acta Chem. Scand. A **28A** (1974) 99
 [Pearson] Pearson, W.B.: “Handbook of Lattice Spacings and Structure of Metals and Alloys”, Pergamon Press, New York, (1958), Vol. 1, (1967) Vol. 2