

As – Sr (Arsenic – Strontium)

Phase diagram

The phase diagram is not known.

Crystal structure

Crystallographic data are collected in Table 1 (taken from [Massalski] and [Pearson]).

Table 1. As–Sr. Crystallographic data of intermediate phases.

Phase	Structure	Prototype	Lattice parameters [nm]			Reference
			<i>a</i>	<i>b</i>	<i>c</i>	
As ₃ Sr	mon	BaP ₃	0.961	0.763 $\beta = 112.9^\circ$	0.588	[76 Del]
As ₃ Sr ₂						[57 Ari]
As ₄ Sr ₃	ort	As ₄ Eu ₃	1.484	1.789	0.597	[77 Del]
AsSr	hex					[76 Bri]
As ₃ Sr ₅	hex	Mn ₅ Si ₃	0.893		0.732	[76 Bet]
AsSr ₂	tet	La ₂ Sb	0.483		1.613	[76 Bet]

References

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