

As – Li (Arsenic – Lithium)

Phase diagram

A short review of this system is published by Sangster et al. [93 San].

Thermodynamics

By solution calorimetry [57 Ari] have determined the standard enthalpy of formation of AsLi_3 . The value amounts to

$$\Delta H^\circ = -340 \text{ kJ mol}^{-1}.$$

References

- [57 Ari] Ariya, S.M., Morosova, M.P., Khuan, T.T., Volf, E.: J. Gen. Chem. USSR **27** (1957) 325
[93 San] Sangster, J., Pelton, A.D.: J. Phase Equilibria **14** (1993) 238