

As – Pt (Arsenic – Platinum)

Phase diagram

Richter et al. [93 Ric] have again investigated the phase diagram by DTA. The intermediate phase As_3Pt_2 is not existing. On this basis Okamoto [96 Oka] has drawn an assessed phase diagram (see Fig. 1). The dotted line is drawn assuming constrained conditions.

At the eutectic concentration by splat cooling from the melt, El-Boragy [83 El-B] succeeded in preparing amorphous alloys.

Figure

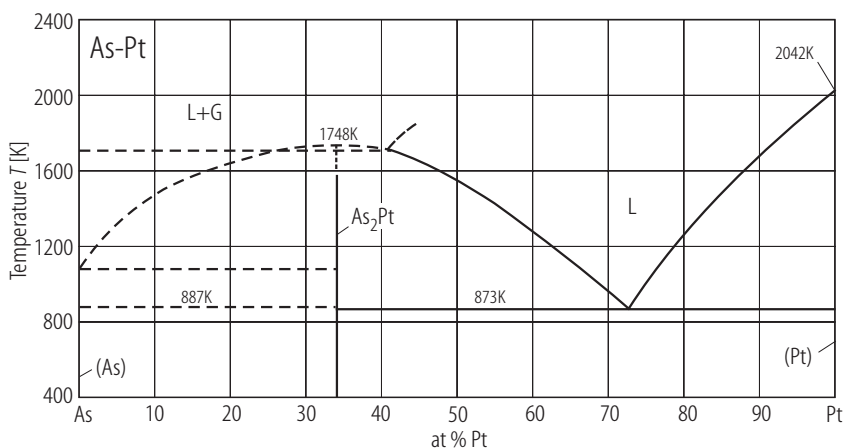


Fig. 1. As–Pt. Phase diagram proposed by Okamoto [96 Oka].

References

- [83 El-B] El-Boragy, M., Ellner, M., Predel, B.: *Z. Metallkde.* **74** (1983) 545
- [93 Ric] Richter, K.W., Ipser, H.: “Experimental Methods of Phase Diagram Determination”, Morral, J.E., Schiffman, R.S., Marchant, S.M. (eds.), TMS (1993) 195
- [96 Oka] Okamoto, H.: *J. Phase Equilibria* **17** (1996) 456