

Ag – Xe (Silver – Xenon)

Phase diagram

By systematic considerations Gulyaev et al. [68 Gul] have predicted a depression of the melting point of Ag of about 10^{-5} K, supposing the concentration of Xenon in liquid Ag amounts to about 10^{-5} at%.

The maximum solubility of Xe in solid (Ag) is about 10^{-7} at%, that of Xe in liquid Ag is not known [68 Gul]. A short discussion of this system is given by Okamoto in [Massalski].

References

- [68 Gul] Gulyaev, B.B., Dvorshkaya, G.F., in: “Phase Diagrams of Metallic Systems”, Savitskii, E.M. (ed.), Nauka Publ., Moscow (1968) 267
- [Massalski] Massalski, T.B., (ed.): “Binary Alloy Phase Diagrams”, Second Edition, The Materials Information Society, ASM International, Materials Park, Ohio (1992)