

Au – Xe (Gold – Xenon)

Phase diagram

Gulyaev et al. [68 Gul], from the position of Xe in the arrangement of the periodic table of elements, have estimated the solubility of Xe in solid (Au). At the temperature of a reaction, in which (Au) is involved beside Xe, there are 10^{-6} to 10^{-7} at% Xe soluble in (Au) (see also the short discussion by [92 Oka]).

References

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