

Ag – Tc (Silver – Technetium)

Phase diagram

On the basis of the position of the components in the periodic table of elements, Gulyaev et al. [68 Gul] have postulated the phase diagram with a peritectic reaction at 1216 K. At the same temperature the maximum solubility of Tc in (Ag) is estimated to be 2.5 at% Tc (see [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)