

## Ag – Fr (Silver – Francium)

### Phase diagram

A hypothetical phase diagram is proposed by Gulyaev et al. [68 Gul]. The maximum melting point depression of liquid Ag is estimated by Gulyaev et al. [68 Gul] to amount to  $10^{-2}$  K (at  $10^{-3}$  at% Fr). The maximum solubility of Fr in solid (Ag) amounts to about  $10^{-5}$  at% Fr.

For a short discussion 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)