

Ag – B (Silver – Boron)

Phase diagram

The mutual solubility of the components is rather small [15 Gie]. By direct reaction of the components at high temperature, Obrowski [61 Obr] found the intermediate phase AgB_2 (see also Callmer [77 Cal]). But the existence of the compound seems to be not quite sure. For a short discussion see Karakaya et al. in [Massalski].

References

- [15 Gie] Giebelhausen, H.: Z. Anorg. Chem. **91** (1915) 261
- [61 Obr] Obrowski, W.: Naturwissenschaften **48** (1961) 428
- [77 Cal] Callmer, B.: Acta Crystallogr. B **33** (1977) 1951
- [Massalski] Massalski, T.B. (Editor-in-Chief): “Binary Alloy Phase Diagrams”, Second Edition, The Materials Information Society, ASM International, Materials Park, Ohio (1992)