

**substance: boron compounds with group I elements**

**property: properties of compounds with Ib elements**

The ability of the group Ib elements to form real boron compounds remains questioned. Only in the case of Cu the existence of solid solutions has been proofed. The existence of some compounds containing Ag and Au is discussed controversially (see e.g. [77G, 60S] and references therein).

**Cu<sub>x</sub>B<sub>105</sub>**

**solid solutions of Cu in  $\beta$ -rhombohedral boron**

Interstitially doped  $\beta$ -rhombohedral boron see LB III/41C.

## References:

- 60S Samsonov, G. V., Markowsky, L. Ya., Zhigach, A. F., Valyashko, M. G.: Bor, ego soedineniya i splavy, Kiev Izd. Akad. NAUK Ukr. SSR, 1960.
- 77B Berezin, A. A., Golikova, O. A., Zaitsev, V. R., Kazanin, M. M., Orlov, V. M., Tkalenko, E. N., in: Boron and Refractory Borides, (Matkovich V. 1., ed.) Springer: Berlin, Heidelberg, New York 1977, p. 52.
- 77G Gurin, V. N., Korsukova, M. M.: see [77B], p. 293.