

substance: boron compounds with group III elements
property: properties of Al_3B_{32} and $\text{Al}_x\text{B}_{105}$

Al_3B_{32}

preparation [77M], crystalline structure [77M, 70M]

$\text{Al}_x\text{B}_{105}$

Interstitially doped β -rhombohedral boron, see LB III/41C "Boron"

References:

- 70E Economy, J., Matkovich, V. I.: Boron 3, T. Niemyski, ed., PWN Warsaw, 1970 p. 159.
- 70M Matkovich, V. I., Economy, J.: see [70E] p. 159.
- 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. I., ed.) Springer: Berlin, Heidelberg, New York 1977, p. 52.
- 77M Matkovich, V. I., Economy, J.: see [77B], p. 96.