

Crystal structure of Mg-Sn (magnesium-tin) system

Crystal Structure

The phase Mg_9Sn_5 have been prepared from elements at high pressure and high temperature and quenching to ambient conditions and was carried out from Range et al. [96Ran]. Its structure is trigonal. Lattice constants are:

$a = 1.3222 \text{ nm}$ and

$c = 1.3150 \text{ nm}$.

Symbols and abbreviations

Short form	Full form
a, b, c	lattice parameters

References

[96Ran] Range, K.-J., Grosch, G.H., Andratschke, M.: J. Alloys Comp. **244** (1996) 170