

Lattice constant of Mn-Rh (manganese-rhodium) system

Crystal Structure

The AuCu₃-type ordered Mn₃Rh is existing in the concentration range from 11 to 32 atom-% Rh (see Raub et al. [95Rau] and [Landolt-Börnstein]). Yamauchi et al. [98Yam] have determined its lattice constant as a function of concentration. The results are given in Fig. 1.

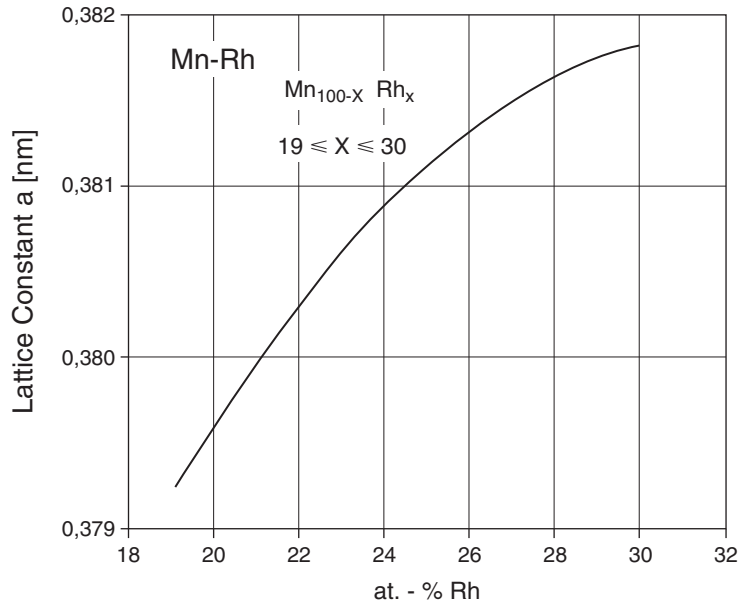


Fig. 1 Mn-Rh. Lattice constant a as a function of concentration of Rh [98Yam]

Symbols and abbreviations

Short form	Full form
a, b, c	lattice parameters

References

- [95Rau] Raub, E., Mahler, W.: *Z. Metallkde.* **46** (1995) 282
 [98Yam] Yamauchi, R., Fukamichi, K., Yamauchi, H., Sakuma, A.: *J. Alloys Comp.* **279** (1998) 93
 [Landolt-Börnstein] Predel, B.: *Crystallographic and Thermodynamic Data of Binary Alloys, IV/5-H*; O. Madelung, Editor, Phase Equil., Springer Verlag (1997)