

Hf-Nb (Hafnium-Niobium)

H. Okamoto

The Hf-Nb phase diagram in [Massalski2] was redrawn from [91Oka], which was based on a tentative thermodynamic model used to exclude unrealistic experimental observations.

The Hf-Nb phase diagram shown in Fig. 1 was calculated by [96Fer] by optimizing phase diagram and thermodynamic

data. The dashed line shows a metastable miscibility gap of (β Hf,Nb).

Cited References

- 91Oka: H. Okamoto, *J. Phase Equilibria*, 12(2), 211-214 (1991).
 96Fer: A. Fernandez Guillermet, *J. Alloy. Compd.*, 234, 111-118 (1996).

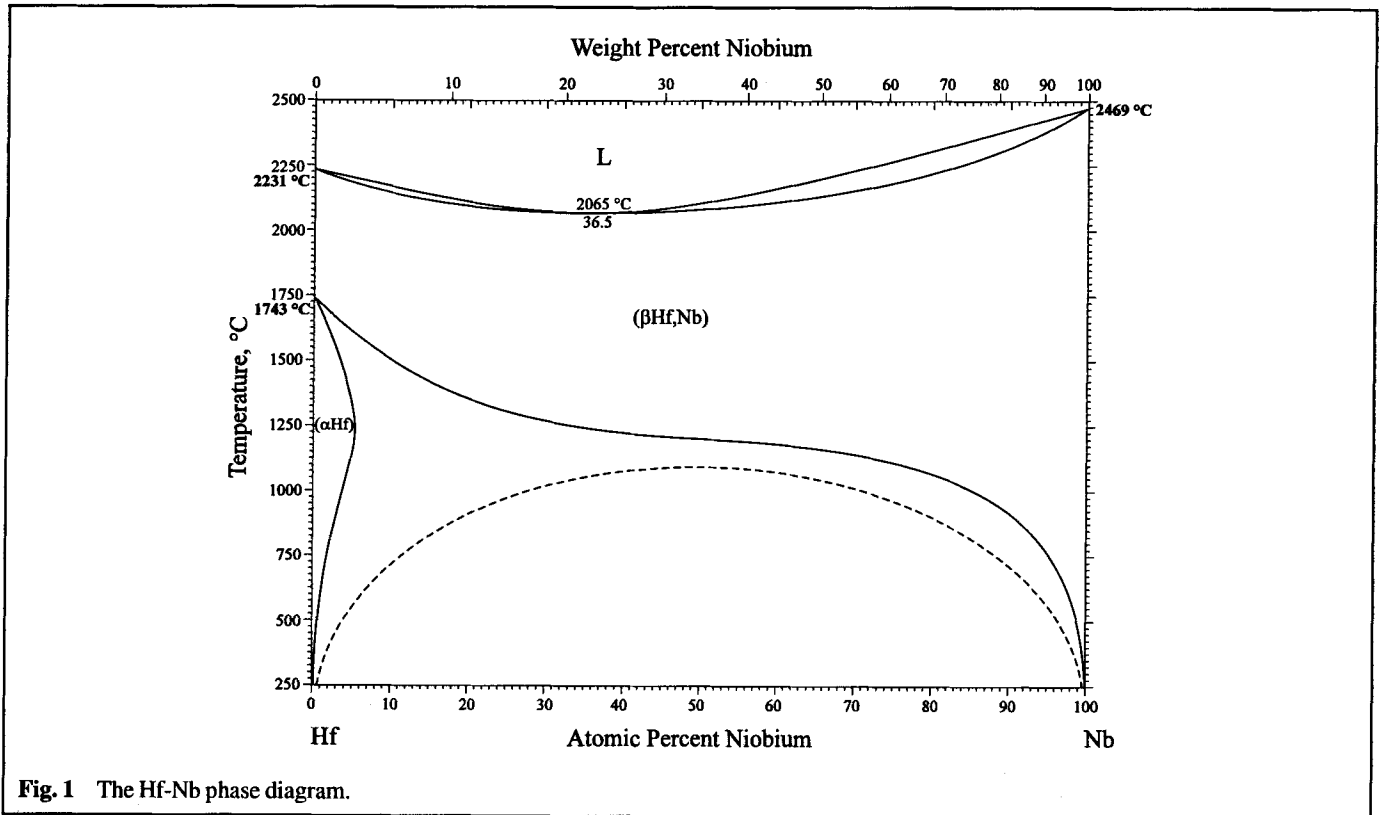


Fig. 1 The Hf-Nb phase diagram.