

Ni-O (Nickel-Oxygen)

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Figure 1 shows the solubility of oxygen in (Ni) calculated by [2004Zin]. The calculated solvus agrees well with the experimental data obtained by [1987Par] as shown in the figure.

The complete Ni-O phase diagram is available in [1997Oka].

1997Oka: H. Okamoto, Ni-O (Nickel-Oxygen), *J. Phase Equilibria*, 1997, **18**(4), p 404

2004Zin: M. Zinkevich and F. Aldinger, Thermodynamic Analysis of the Ternary La-Ni-O System, *J. Alloys Compounds*, 2004, **375**, p 147-161

References

1987Par: J.W. Park and C.J. Altstetter, The Diffusion and Solubility of Oxygen in Solid Nickel, *Metall. Trans.*, 1987, **A18**, p 43-50

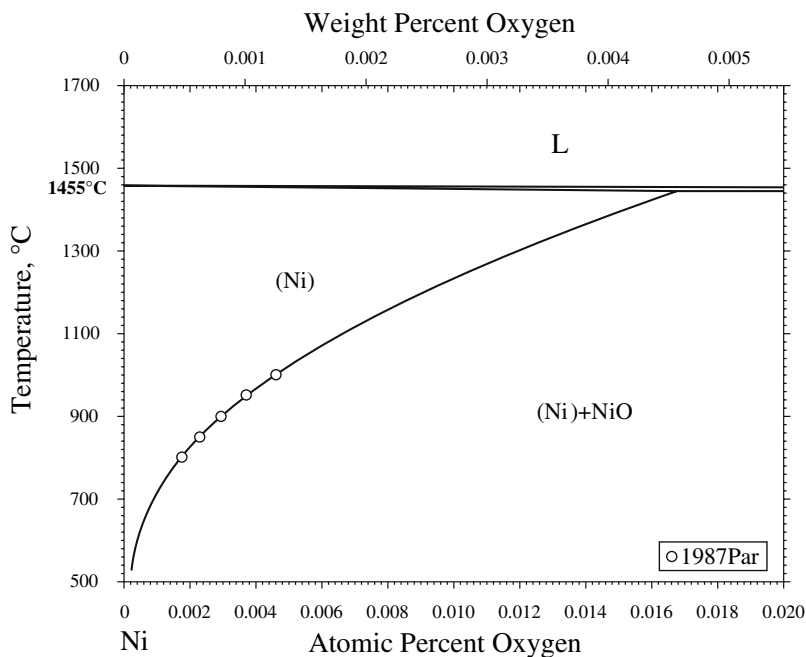


Fig. 1 Partial Ni-O phase diagram