

# N-Zr (Nitrogen-Zirconium)

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A partial diagram (0 to 55 at.% N, 300 to 3900 °C) was shown for the Zr-N system in [Massalski2].

[2004Ma] and [2005Ma] calculated the Zr-N phase diagram at 1 atm, including the gas phase (Fig. 1).

## References

**2004Ma:** X. Ma, C. Li, K. Bai, P. Wu, and W. Zhang, Thermodynamic Assessment of the Zr-N System, *J. Alloys Compd.*, **373**, 2004, p 194-201

**2005Ma:** X. Ma, C. Li, W. Zhang, and R. Schmid-Fetzer, The Influence of Nitrogen Fugacity on the Phase Equilibria of the Me-N Systems, *Calphad*, **29**, 2005, p 247-253

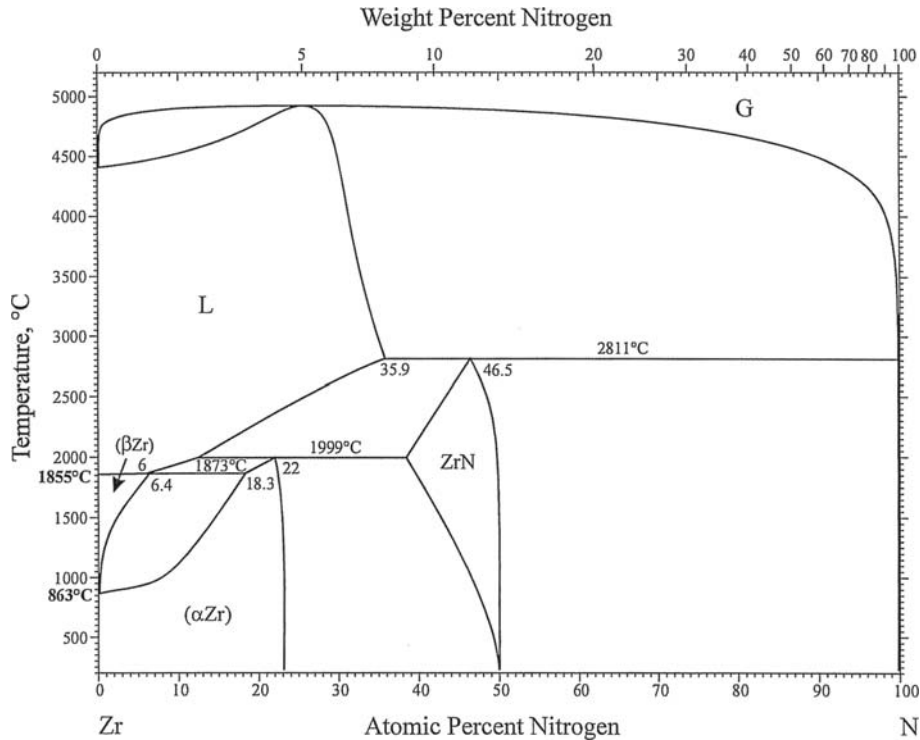


Fig. 1 N-Zr phase diagram