

Ca-Ni (Calcium-Nickel)

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The Ca-Ni phase diagram in [Massalski2] was redrawn from [1991Oka], which summarized phase diagram and crystal structure data published before 1989.

[2005Isl, 2006Ure] assessed the Mg-Ni system thermodynamically using new data given by [1990Not]. Figure 1 shows the calculated Ca-Ni phase diagram. This phase diagram solved uncertainties in the diagram of [1991Oka].

Numerical Optimization of the Ca-Ni System, *J. Less Common Met.*, 1990, **162**(2), p 221-229

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2005Isl: F. Islam and M. Medraj, The Phase Equilibria in the Mg-Ni-Ca System, *Calphad*, 2005, **29**(4), p 289-302

2006Ure: D. Uremovich, F. Islam, and M. Medraj, Thermodynamic Modeling of the Ca-Ni System, *Sci. Tech. Adv. Mater.*, 2006, **7**, p 119-126

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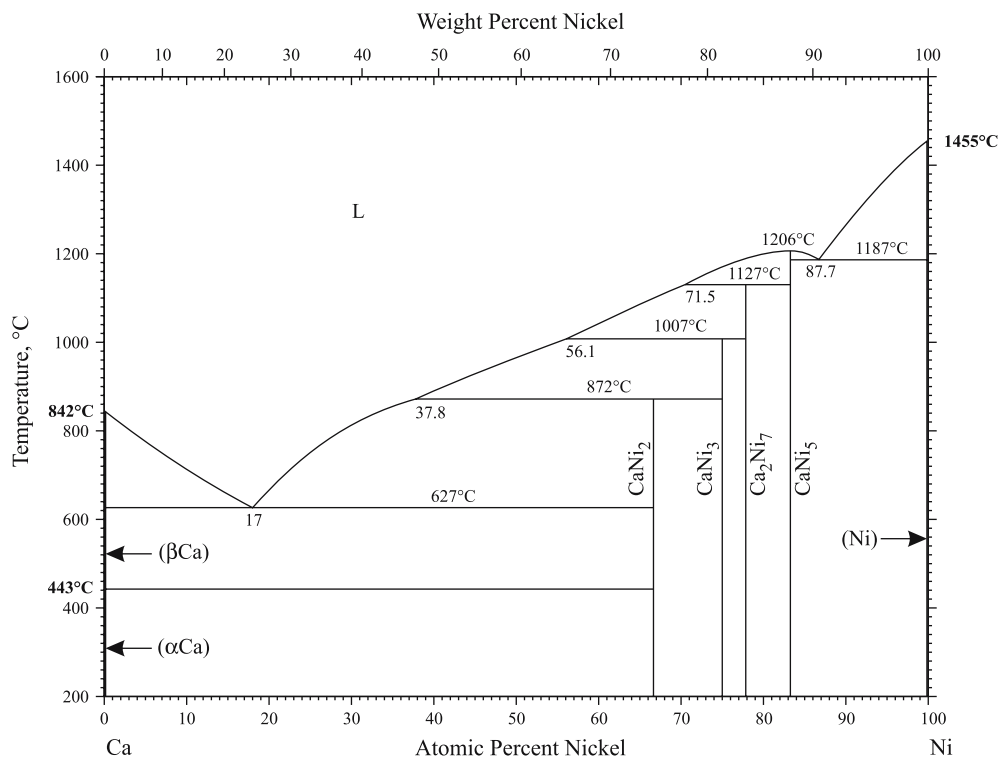


Fig. 1 Ca-Ni phase diagram