

Mg-Pr (Magnesium-Praseodymium)

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The Mg-Pr phase diagram in [Massalski2] was updated by [1993Sac], as quoted by [1995Oka].

Based on the data of [2001Sac] (the same data as [1993Sac]), [2005Guo] analyzed the Mg-Pr system thermodynamically and obtained the phase diagram shown in Fig. 1. Because phase boundary data are scarce and scattered in [1993Sac], the phase diagram calculated by [2005Guo] may be a better presentation of this system.

Praseodymium-Magnesium Alloy System, *Intermetallics*, 1993, **1**(3), p 151-158

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2001Sac: S. Saccone, D. Macciò, J.A.J. Robinson, F.H. Hayes, and R. Ferro, Smith Thermal Analysis of Selected Pr-Mg Alloys, *J. Alloys Compd.*, 2001, **317-318**, p 497-502

2005Guo: C. Guo and Z. Du, Thermodynamic Assessment of the Mg-Pr System, *J. Alloys Compd.*, 2005, **399**, p 183-188

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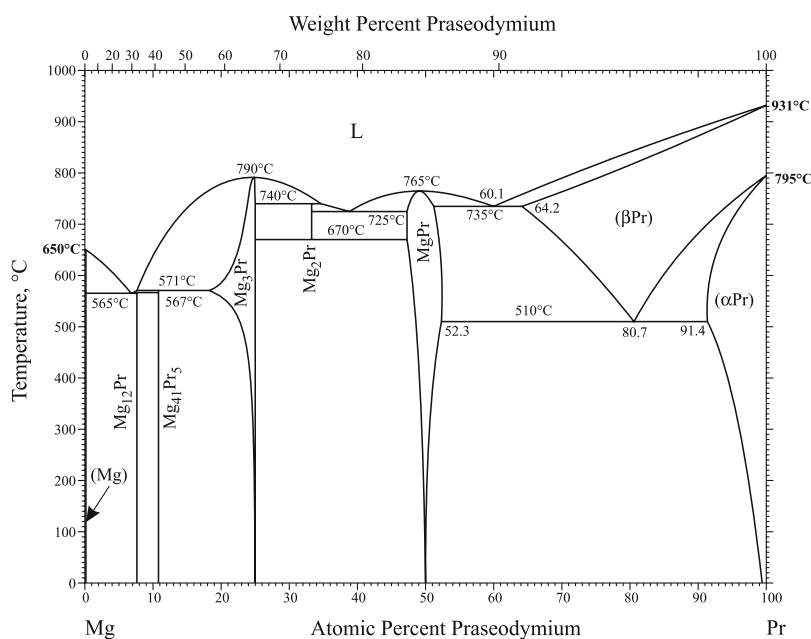


Fig. 1 Mg-Pr phase diagram