

# Mg-Mn (Magnesium-Manganese)

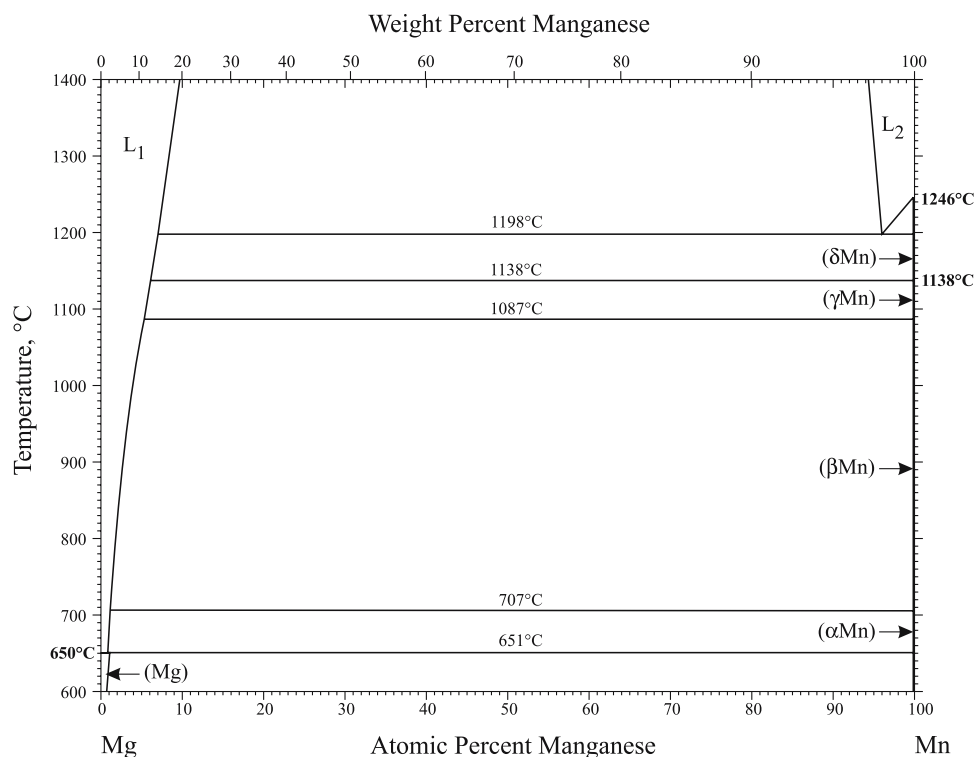
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The partial Mg-Mn phase diagram (0-3 at.% Mn) in [Massalski2] was redrawn from [1985Nay].

The complete Mg-Mn phase diagram in Fig. 1 was determined by [2005Gro] based on DTA measurements and thermodynamic modeling. Detail of the Mg-rich end of the Mg-Mn phase diagram is shown in Fig. 2. This partial diagram is in good agreement with [1985Nay].

## References

- 1985Nay:** A.A. Nayeb-Hashemi and J.B. Clark, The Mg-Mn (Magnesium-Manganese) System, *Bull. Alloy Phase Diagrams*, 1985, **6**(3), p 238-244
- 2005Gro:** J. Grobner, D. Mirkovic, M. Ohno, and R. Schmid-Fetzer, Experimental Investigation and Thermodynamic Calculation of Binary Mg-Mn Phase Equilibria, *J. Phase Equilib. Diffusion*, 2005, **26**(3), p 234-239



**Fig. 1** Mg-Mn phase diagram

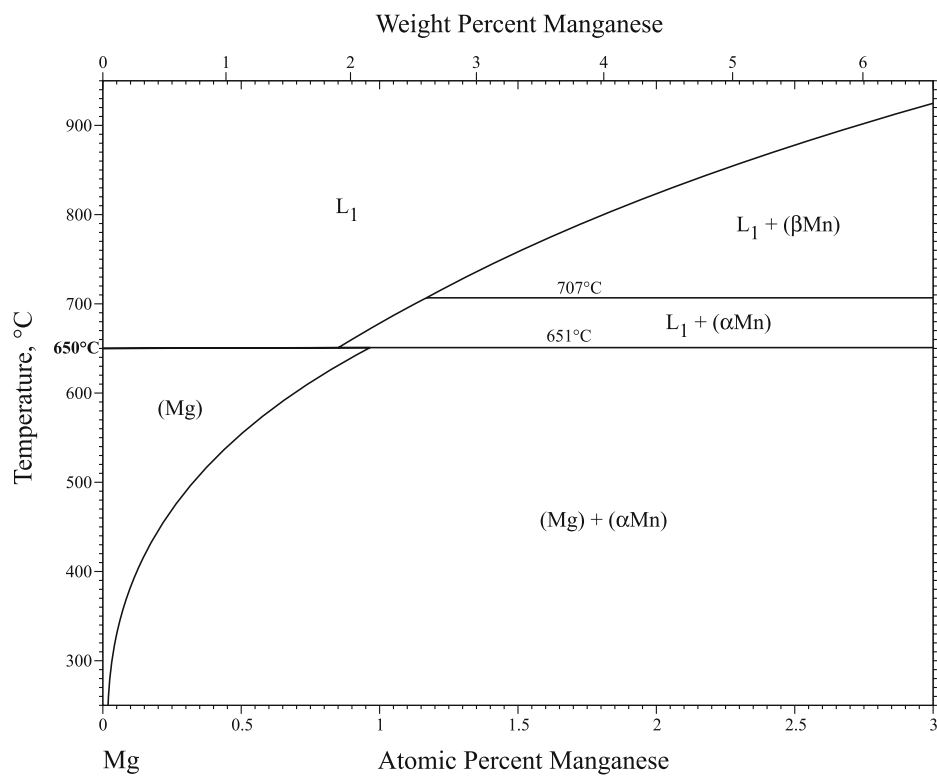


Fig. 2 Detail of Fig. 1 on the Mg-rich end