

Cr-P (Chromium-Phosphorus)

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The Cr-P phase diagram in [Massalski2] (solid lines in Fig. 1) was redrawn from [90Ven].

[97Zai] calculated the Cr-rich part of the Cr-P phase diagram (dashed lines in Fig. 1). A marked difference from [90Ven] is the absence of Cr_2P . Because the crystal structures of Cr_2P in high- and low-temperature forms appear to be well established

(see [90Ven]), the new phase diagram proposed by [97Zai] seems likely to be incomplete.

Cited References

90Ven: M. Venkatraman and J.P. Neumann, *Bull. Alloy Phase Diagrams*, 11(5), 430-434 (1990).

97Zai: A.I. Zaitsev, A.D. Litvina, N.E. Shelkova, Z.V. Dobrokhotova, and B.M. Mogutnov, *Z. Metallkde.*, 88(1), 76-86 (1997).

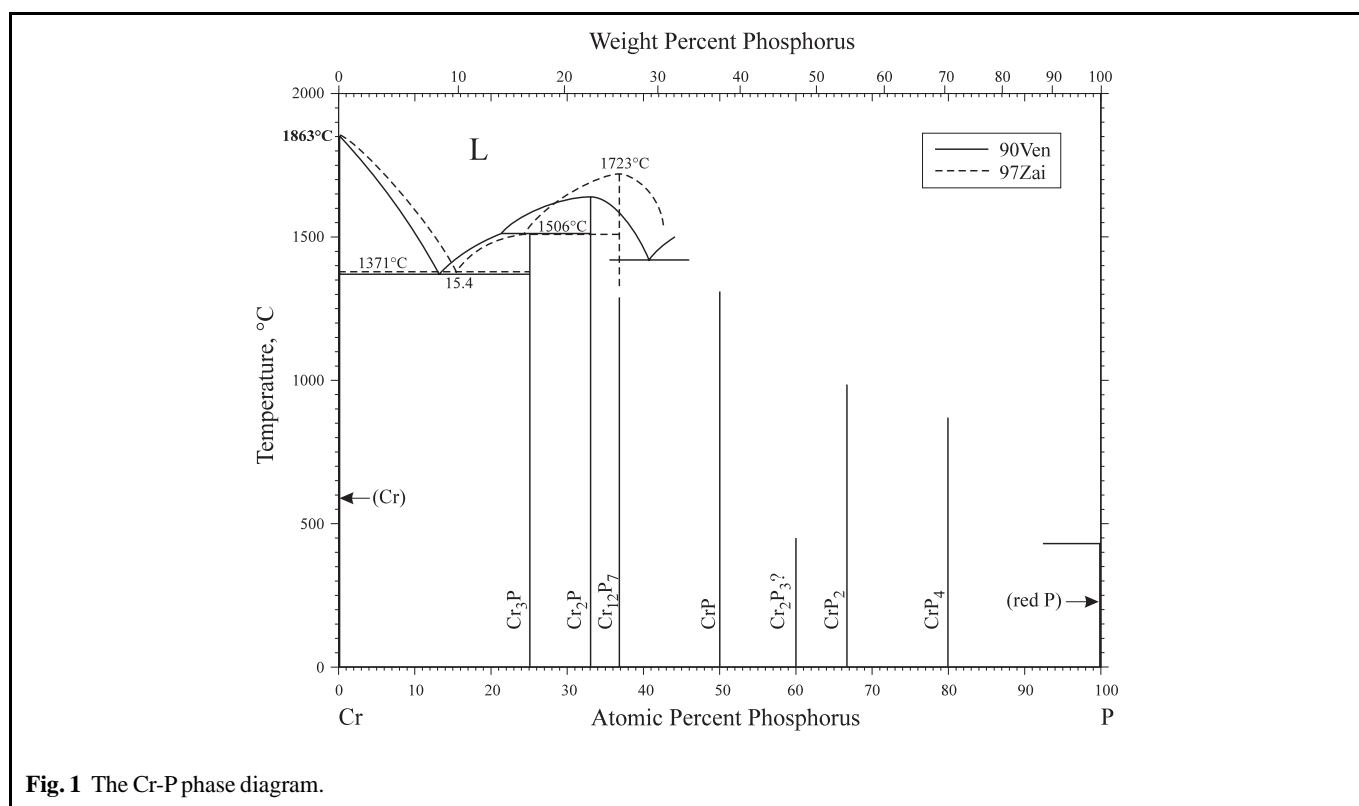


Fig. 1 The Cr-P phase diagram.