

Mo-Zr (Molybdenum-Zirconium)

H. Okamoto

The Mo-Zr phase diagram in [Massalski2] was updated by [2003Oka] based on the thermodynamic assessment done by [2002Zin] (dashed lines in Fig. 1).

Solid lines in Fig. 1 show the Mo-Zr phase diagram assessed by [2003Per]. The diagram of [2003Per] is more likely to represent the true equilibrium phase diagram because the thermodynamic model is more consistent with available experimental data.

References

- 2002Zin:** M. Zinkevich and N. Mattern, Thermodynamic Assessment of the Mo-Zr System, *J. Phase Equilibria*, Vol 23 (No. 2), 2002, p 156-162
- 2003Oka:** H. Okamoto, Mo-Zr (Molybdenum-Zirconium), *J. Phase Equilibria*, Vol 24 (No. 3), 2003, p 279
- 2003Per:** R.J. Perez and B. Sundman, Thermodynamic Assessment of the Mo-Zr Binary Phase Diagram, *CALPHAD Computer Coupling Phase Diagrams Thermochem.*, Vol 27, 2003, p 253-262

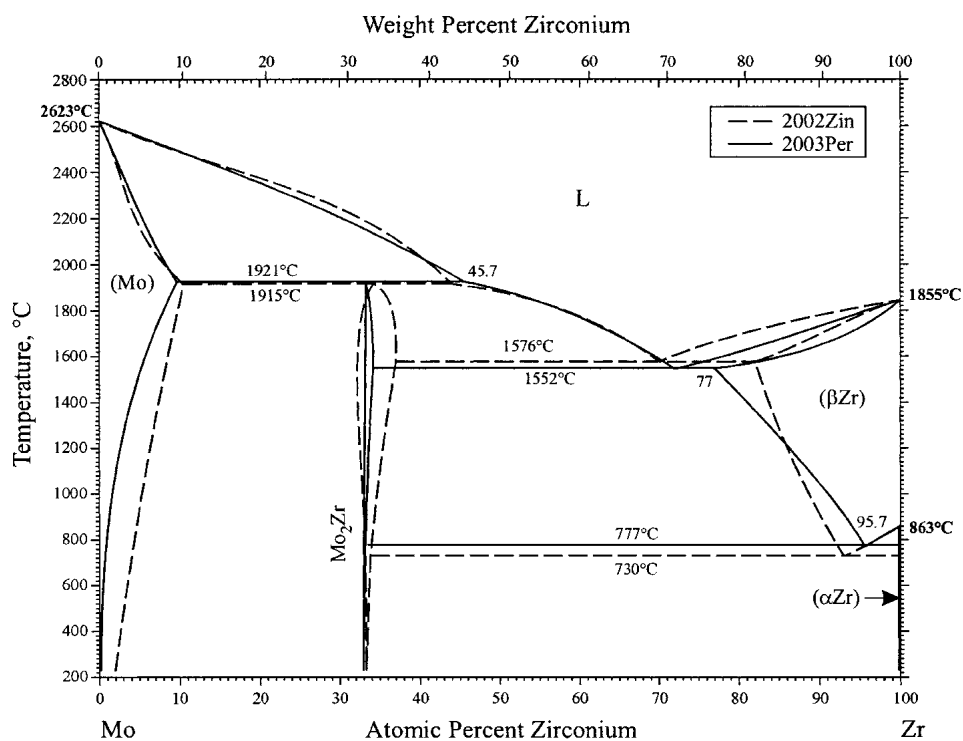


Fig. 1 Mo-Zr phase diagram