

## Phase diagram of Mg-Zr (magnesium-zirconium) system

### Phase Diagram

Using thermodynamic informations from literature Hämäläinen et al. [99Häm] have calculated the phase equilibria. The phase diagram thus obtained is shown in Fig. 1. There is only little mutual solubility in the liquid as well as in the solid state. It should be mentioned that the phase equilibria for Mg-rich alloys (<2 atom-% Zr) have been presented in an enlarged version by [Landolt-Börnstein].

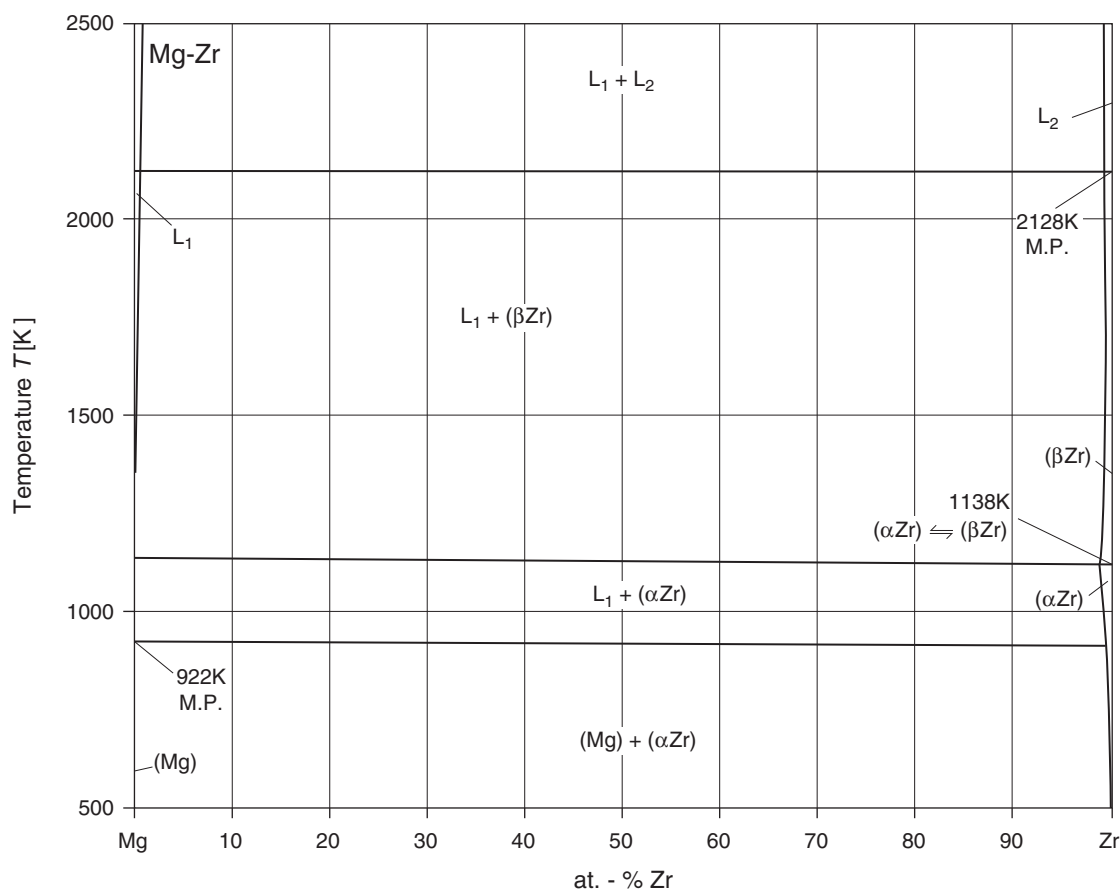


Fig. 1 Mg-Zr. Calculated phase diagram of the Mg-Zr system [99Häm]

### References

- [99Häm] Hämäläinen, M., Bochvar, N., Rokhlin, L.L., Zeng, K.: J. Alloys Comp. **285** (1999) 162  
 [Landolt-Börnstein] Predel, B.: Crystallographic and Thermodynamic Data of Binary Alloys, IV/5-H; O. Madelung, Editor, Phase Equil., Springer Verlag (1997)