

Be-Si (Beryllium-Silicon)

H. Okamoto

The Be-Si phase diagram in [Massalski2] was adopted from [1988Oka]. Phase boundaries were mostly speculative due to uncertainty in the experimental data.

Figure 1 shows the Be-Si phase diagram thermodynamically assessed by [2005Pan] based on experimental phase boundary data published later by [2006Pan].

H. Okamoto and L.E. Tanner, Eds., ASM International, Materials Park, OH, 1988, p 186-188

2005Pan: Z. Pan, Y. Du, and B. Huang, Experimental Investigation and Thermodynamic Calculation in the Al-Be-Si Ternary System, *Z. Metallkd.*, 2005, **96**(11), p 1301-1307

2006Pan: Z. Pan, Y. Du, B. Huang, H. Xu, Y. Liu, H. Chan, and W. Xiong, Experimental Study of the Be-Si Phase Diagram, *J. Mater. Sci.*, 2006, **41**, p 2525-2528

References

1988Oka: H. Okamoto and L.E. Tanner, The Be-Si (Beryllium-Silicon) System, *Phase Diagrams of Binary Beryllium Alloys*,

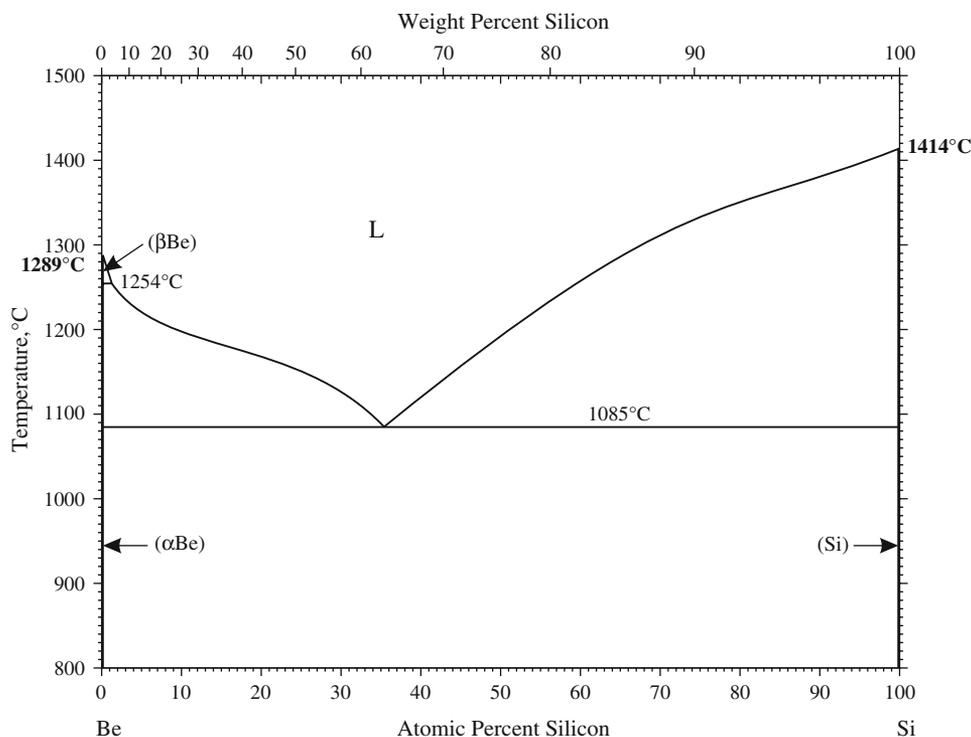


Fig. 1 Be-Si phase diagram