

binodal

binodal curve

coexistence curve

Curve defining the region of composition and temperature in a phase diagram for a binary mixture across which a transition occurs from miscibility of the components to conditions where single-phase mixtures are metastable or unstable.

Note:

Binodal compositions are defined by pairs of points on the curve of Gibbs energy of mixing *vs* composition that have common tangents, corresponding to compositions of equal chemical potentials of each of the two components in two phases.

2004, 76, 1997