

Gibbs energy dependence on temperature and concentration during the crystallization of binary crystal hydrate solutions

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Abstract

On the example of equilibrium and non-equilibrium phase diagrams of $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O} - \text{NaCH}_3\text{COO} \cdot 3\text{H}_2\text{O}$ system, ways of Gibbs energy changes are shown for liquid and liquid – solid phases when cooling pure components and alloys in binary system.