

Enthalpy of formation of Pu-N (plutonium-nitrogen) system

Thermodynamics

On the basis of Knudsen-effusion mass spectrometric results Suzuki et al. [98Suz] have estimated the enthalpy of formation of the compound PuN. It amounts to $\Delta H^S = -299 \text{ kJ mol}^{-1}$ (see also [75Ack]).

Symbols and abbreviations

Short form	Full form
ΔH^S	integral enthalpy of formation of a solid alloy

References

[75Ack] Ackermann, R.J., Rauh, E.G.: J. Chem. Thermodyn. **7** (1975) 211

[98Suz] Suzuki, Y., Arai, J. Y.: J. Alloys Comp. **271–273** (1998) 577