

Au – Nb (Gold – Niobium)

Thermodynamics

By high-temperature calorimetry at 1473 K Fitzner et al. [92 Fit] have determined the enthalpy of formation of Au₂Nb. On the basis of the results obtained the standard value was calculated. It amounts to

$$\Delta H^S = -13.36 \pm 2.05 \text{ kJ g-atom}^{-1} \text{ (at 298 K).}$$

Reference

[92 Fit] Fitzner, K., Selhaoui, N., Kleppa, O.J.: Metallurg. Trans. A, **23A** (1992) 1836