

Enthalpy of formation of La-Pd (lanthanum-palladium) systems

Thermodynamics

Using results from high-temperature calorimetry at 1473 ± 2 K Selhaoui et al. [93Sel] have determined standard enthalpies of formation of intermediate phases. The results obtained are shown in Table 1.

Table 1 La-Pd. Standard enthalpies of formation of intermediate phases [93Sel]

Phase	ΔH_{298}^S [kJ g-at ⁻¹]
LaPd	-76.2 ± 1.8
LaPd ₃	-77.1 ± 2.2

Symbols and abbreviations

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

References

[93Sel] Selhaoui, N., Kleppa, O.J.: J. Alloys Comp. **191** (1993) 155