

Enthalpy of formation of La-Rh (lanthanum-rhodium) systems

Thermodynamics

On the basis of high-temperature direct synthesis calorimetry at 1473 ± 2 K Selhaoui et al. [93Sel] have determined standard enthalpies of formation of two intermediate compounds in the La-Rh system. The values obtained are given in Table 1.

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

Phase	ΔH^S [kJ g-at ⁻¹]
LaRh ₂	-57.5 ± 1.7
LaRh	-56.3 ± 2.3

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