

# Enthalpy of formation of Lu-Pt (lutetium-platinum) system

## Thermodynamics

With high-temperature calorimetry at  $1474 \pm 2$  K Guo et al. [95Guo] have obtained results from which they have calculated standard enthalpies of formation of intermediate phases. The values obtained are given in Table 1.

**Table 1** Lu-Pt. Standard enthalpies of formation of intermediate phases [95Guo]

Phase	$\Delta H^S$ [kJ g-at <sup>-1</sup> ]
LuPt	$-118.4 \pm 2.2$
LuPt <sub>3</sub>	$-103.4 \pm 2.7$

## Symbols and abbreviations

Short form	Full form
$\Delta H^S$	integral enthalpy of formation of a solid alloy

## References

[95Guo] Guo, Q., Kleppa, O.J.: J. Alloys Comp. **218** (1995) L21