

# Enthalpy of formation of Lu-Pd (lutetium-palladium) system

## Thermodynamics

Standard enthalpies of formation have been calculated by Guo et al. [97Guo] on the basis of reaction enthalpy and heat content measurements at  $1477 \pm 2$  K. The following results are given in Table 1.

**Table 1** Lu-Pd. Standard enthalpies of formation of intermediate phases [97Guo]

Phase	$\Delta H_{298}^S$ [kJ g-at <sup>-1</sup> ]
Lu <sub>3</sub> Pd <sub>4</sub>	$-98.4 \pm 2.2$
LuPd	$-95.0 \pm 1.4$

## Symbols and abbreviations

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

## References

[97Guo] Guo, Q., Kleppa, O.J.: J. Alloys Comp. **256** (1997) L15