

## Al – V (Aluminum – Vanadium)

### Thermodynamics

The standard enthalpy of formation of aluminides of V have been determined by Meschel et al. [93 Mes]. There are:

$$\Delta H_{298}^S = -34.0 \pm 0.5 \text{ kJ g-atom}^{-1} \quad (\text{for Al}_8\text{V}_5)$$

and

$$\Delta H_{298}^S = -27.8 \pm 0.9 \text{ kJ g-atom}^{-1} \quad (\text{for Al}_3\text{V})$$

### Reference

- [93 Mes] Meschel, S.V., Kleppa, O.J., Faulkner, J.S., (ed.), Jordan, R.G. (ed.): „Metallic Alloys, Experimental and Theoretical Perspectives“, NATO Series, Series e, Applied Sciences, **256** (1993) 103